Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121616\
Data File : BF091686.D
Acq On : 16 Dec 2016 21:27
Operator : UM/SJ
Sample : H6110-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP10-COMP7

Quant Time: Dec 16 23:46:18 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 16 00:35:41 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	216681	20.00	ng		-0.01
21) Naphthalene-d8	8.05	136	1021926	20.00	ng		-0.02
38) Acenaphthene-d10	9.81	164	346187	20.00	ng		-0.01
63) Phenanthrene-d10	11.29	188	787872	20.00	ng		-0.02
75) Chrysene-d12	13.93	240	373447	20.00	ng		-0.01
86) Perylene-d12	15.33	264	539166	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	1377217	107.08	ng		0.00
7) Phenol-d6	6.42	99	1454100	90.69	ng		-0.01
23) Nitrobenzene-d5	7.33	82	855087	46.70	ng		-0.02
41) 2,4,6-Tribromophenol	10.60	330	374295	130.17	ng		-0.01
44) 2-Fluorobiphenyl	9.14	172	1583675	79.04	ng		-0.01
78) Terphenyl-d14	12.88	244	988402	60.06	ng		-0.02
Target Compounds							Qvalue
9) Benzaldehyde	6.54	77	25128	2.28	ng		91
10) Phenol	6.43	94	51181	2.73	ng		77
19) n-Nitroso-di-n-propylamine	7.33	70	114959	11.47	ng	#	66
20) 3+4-Methylphenols	7.20	107	12266	Below Cal		#	86
25) Isophorone	7.33	82	748753	23.00	ng	#	67
31) Naphthalene	8.08	128	137642	2.89	ng		98
32) Benzoic acid	7.86	122	3010	5.15	ng	#	8
49) Dimethylphthalate	9.53	163	117245	5.35	ng		97
51) Acenaphthene	9.85	154	67247	3.27	ng		98
54) Dibenzofuran	10.01	168	66309	2.61	ng		90
55) 4-Nitrophenol	10.01	139	27752	6.60	ng	#	3
64) 4,6-Dinitro-2-methylphenol	10.59	198	878	3.12	ng	#	1
66) 4-Bromophenyl-phenylether	10.60	248	23286	2.88	ng	#	1
70) Phenanthrene	11.32	178	1240551	31.80	ng		99
71) Anthracene	11.37	178	367764	8.74	ng		98
72) Carbazole	11.52	167	80931	2.19	ng		97
74) Fluoranthene	12.50	202	1496202	36.62	ng		94
77) Pyrene	12.73	202	1595870	53.86	ng		98
80) Benzo(a)anthracene	13.92	228	616158	28.41	ng		99
82) Chrysene	13.92	228	616158	27.15	ng		96
85) Indeno(1,2,3-cd)pyrene	16.67	276	376106	18.42	ng		95
87) Benzo(b)fluoranthene	14.93	252	1103452	34.33	ng		99
88) Benzo(k)fluoranthene	14.93	252	1102368	39.01	ng		99
89) Benzo(a)pyrene	15.27	252	687029	23.73	ng		98
90) Dibenzo(a,h)anthracene	16.68	278	150402	5.80	ng		95
91) Benzo(g,h,i)perylene	17.07	276	351023	13.30	ng	#	95

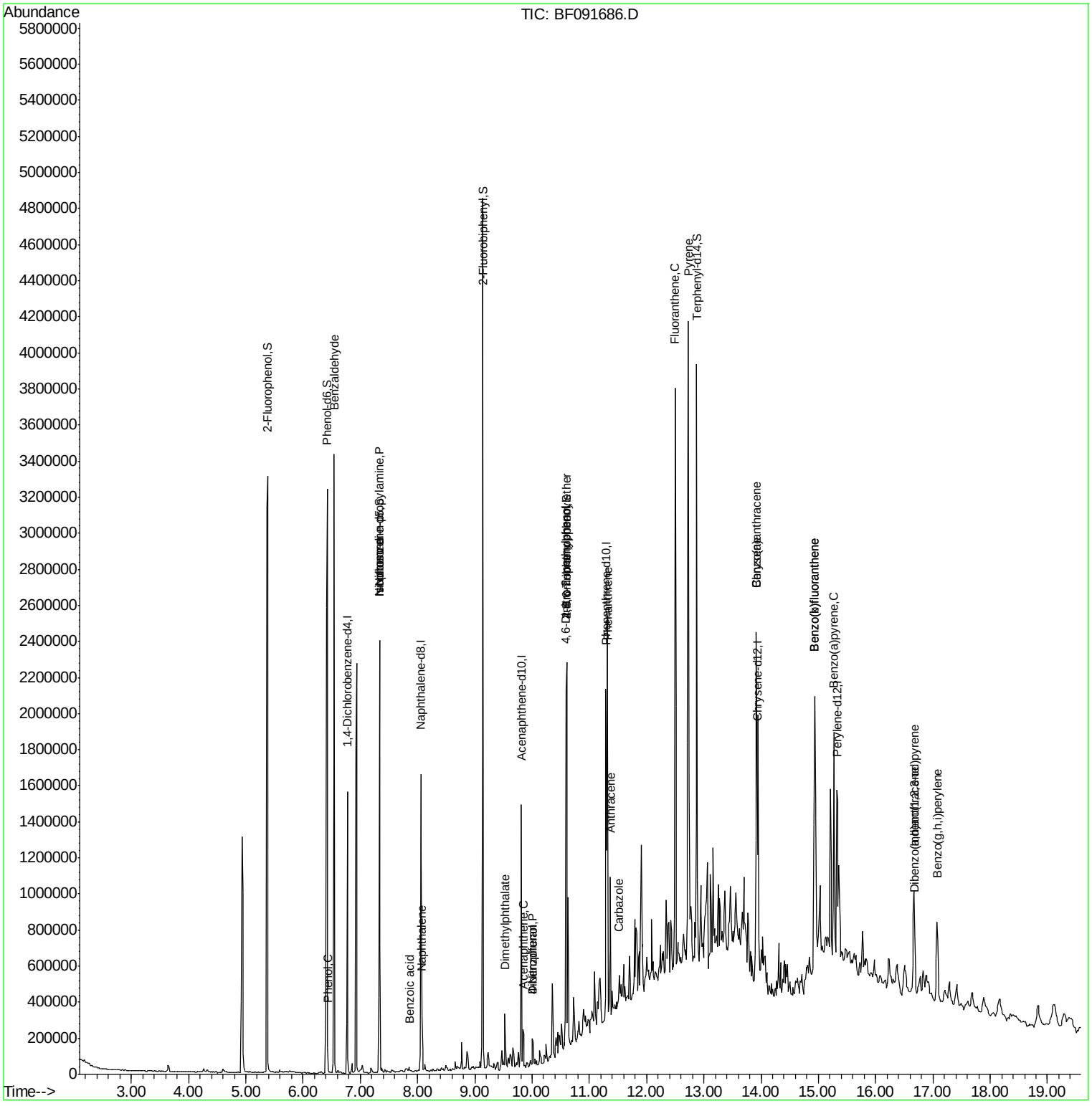
(#) = qualifier out of range (m) = manual integration (+) = signals summed

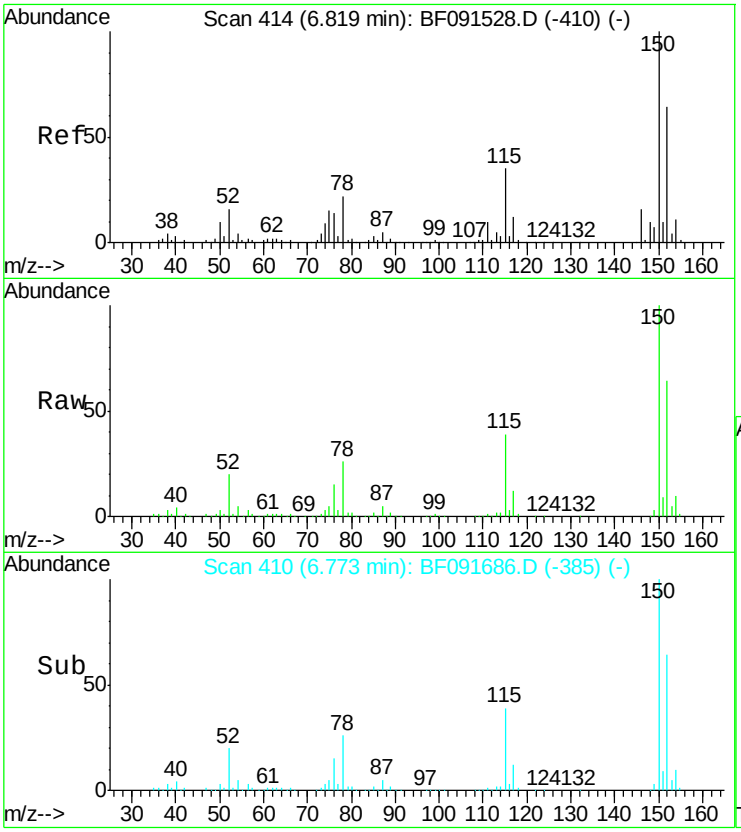
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121616\
Data File : BF091686.D
Acq On : 16 Dec 2016 21:27
Operator : UM/SJ
Sample : H6110-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP10-COMP7

Quant Time: Dec 16 23:46:18 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 16 00:35:41 2016
Response via : Initial Calibration



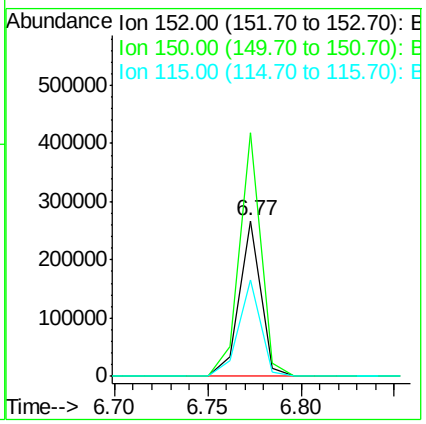


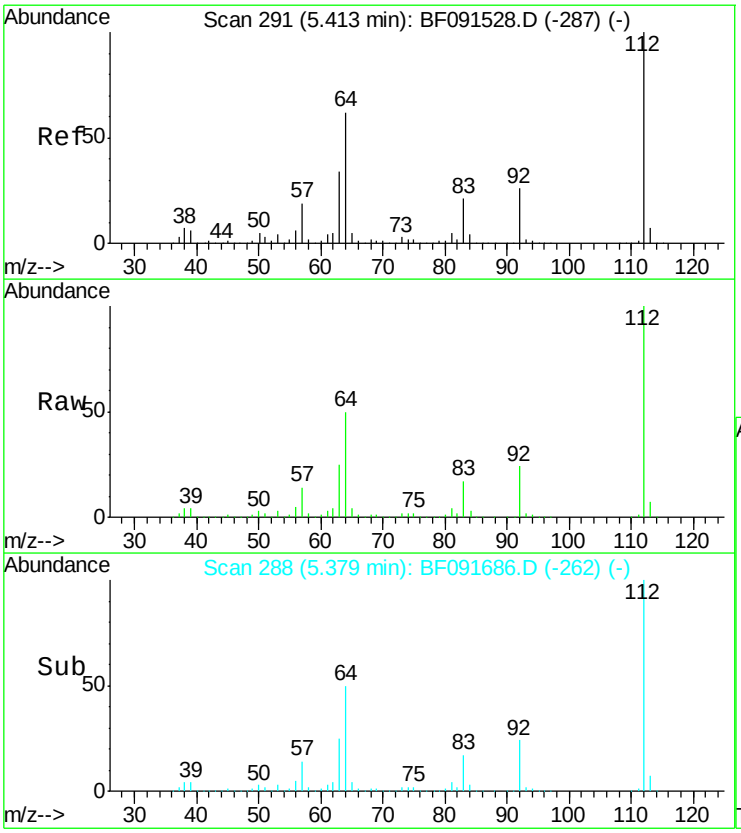
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 410
Delta R.T. -0.01 min
Lab File: BF091686.D
Acq: 16 Dec 2016 21:27

Instrument :
BNA_F
ClientSampleId :
TP10-COMP7

Tgt Ion:152 Resp: 216681

Ion	Ratio	Lower	Upper
152	100		
150	156.7	122.5	183.7
115	61.7	51.8	77.8

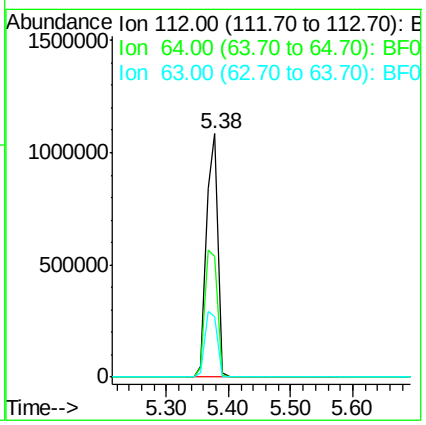


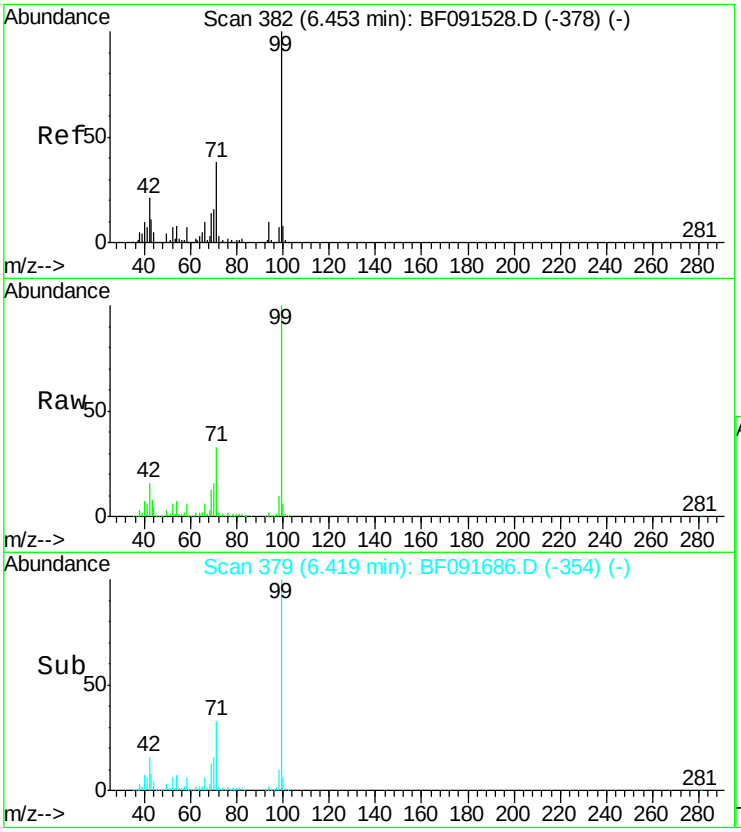


#5
2-Fluorophenol
Concen: 107.08 ng
RT: 5.38 min Scan# 288
Delta R.T. 0.00 min
Lab File: BF091686.D
Acq: 16 Dec 2016 21:27

Tgt Ion:112 Resp: 1377217

Ion	Ratio	Lower	Upper
112	100		
64	49.7	61.5	92.3#
63	25.0	33.3	49.9#



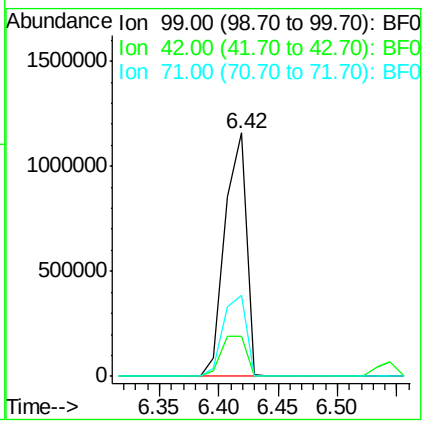


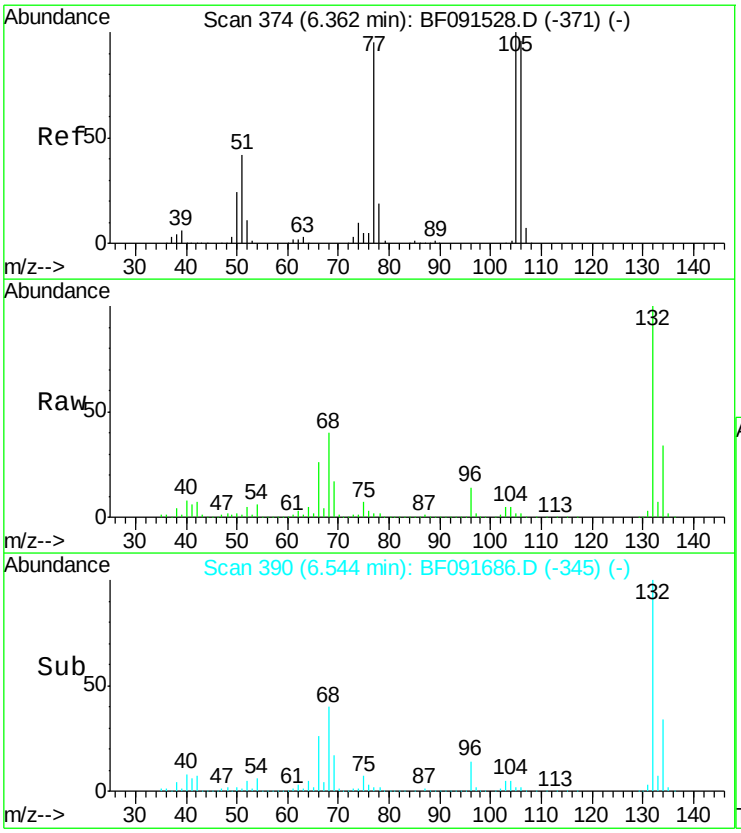
#7
Phenol-d6
Concen: 90.69 ng
RT: 6.42 min Scan# 379
Delta R.T. -0.01 min
Lab File: BF091686.D
Acq: 16 Dec 2016 21:27

Instrument :
BNA_F
ClientSampleId :
TP10-COMP7

Tgt Ion: 99 Resp: 1454100

Ion	Ratio	Lower	Upper
99	100		
42	16.4	20.6	31.0#
71	33.3	29.9	44.9

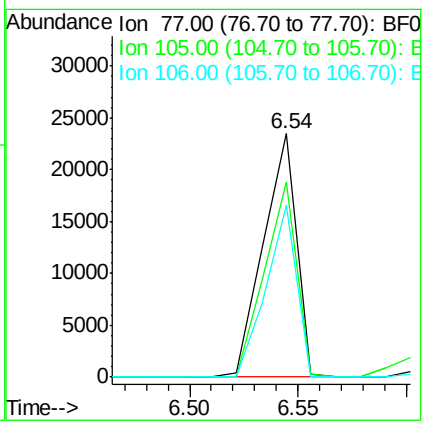


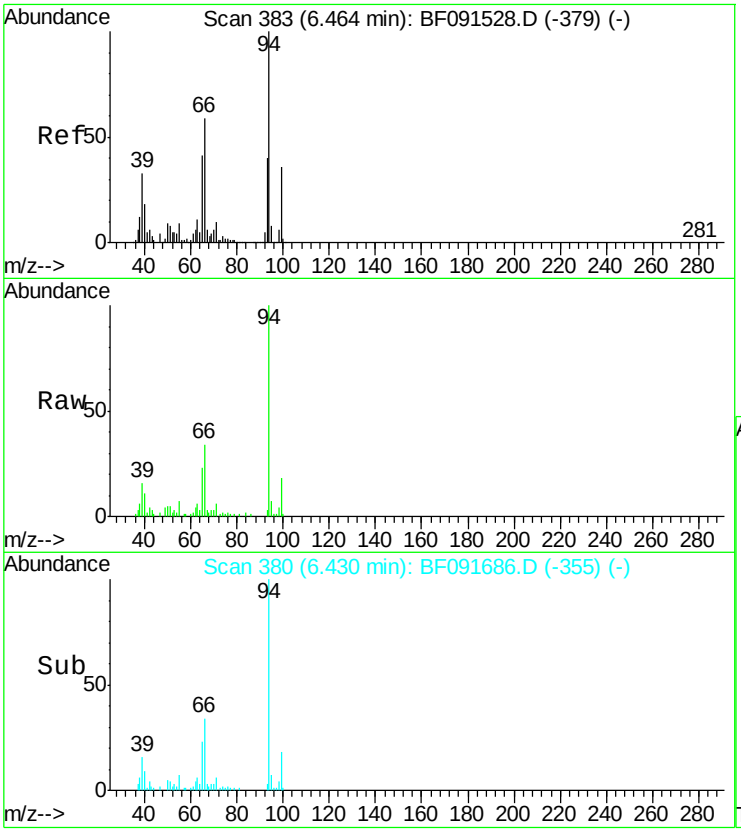


#9
Benzaldehyde
Concen: 2.28 ng
RT: 6.54 min Scan# 390
Delta R.T. 0.22 min
Lab File: BF091686.D
Acq: 16 Dec 2016 21:27

Tgt Ion: 77 Resp: 25128

Ion	Ratio	Lower	Upper
77	100		
105	80.1	66.4	106.4
106	70.5	60.9	100.9



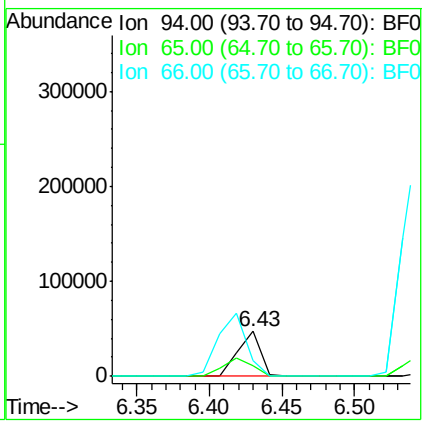


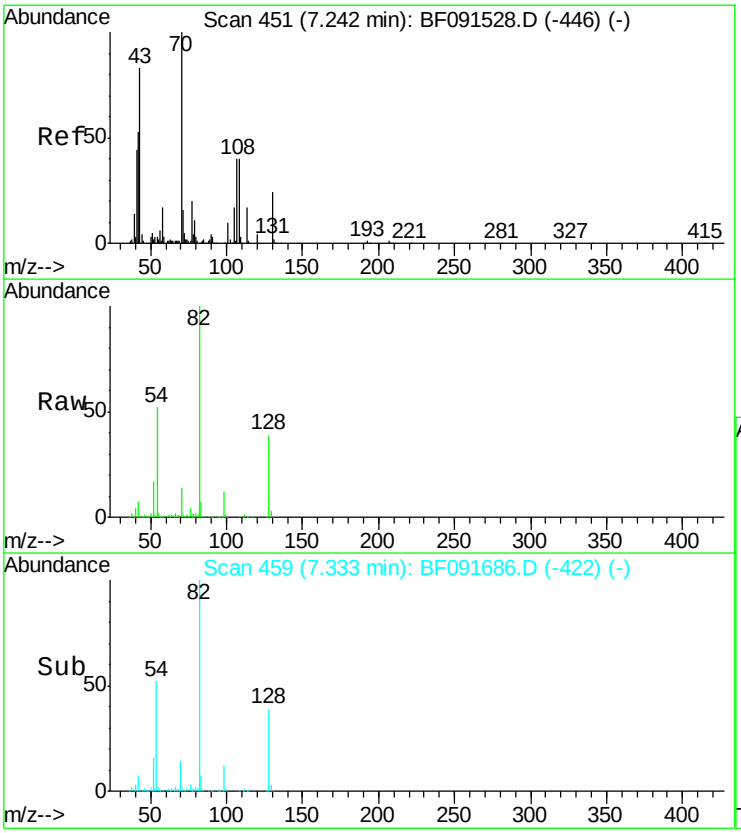
#10
Phenol
Concen: 2.73 ng
RT: 6.43 min Scan# 380
Delta R.T. -0.01 min
Lab File: BF091686.D
Acq: 16 Dec 2016 21:27

Instrument :
BNA_F
ClientSampleId :
TP10-COMP7

Tgt Ion: 94 Resp: 51181

Ion	Ratio	Lower	Upper
94	100		
65	23.5	16.9	56.9
66	33.9	30.6	70.6

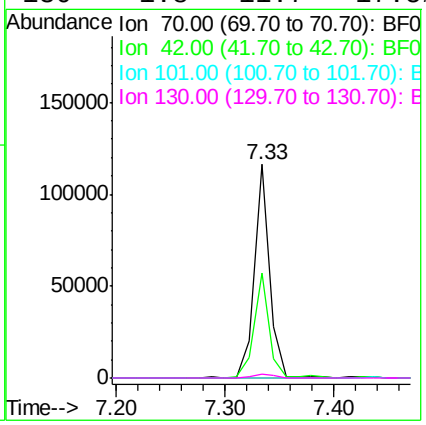


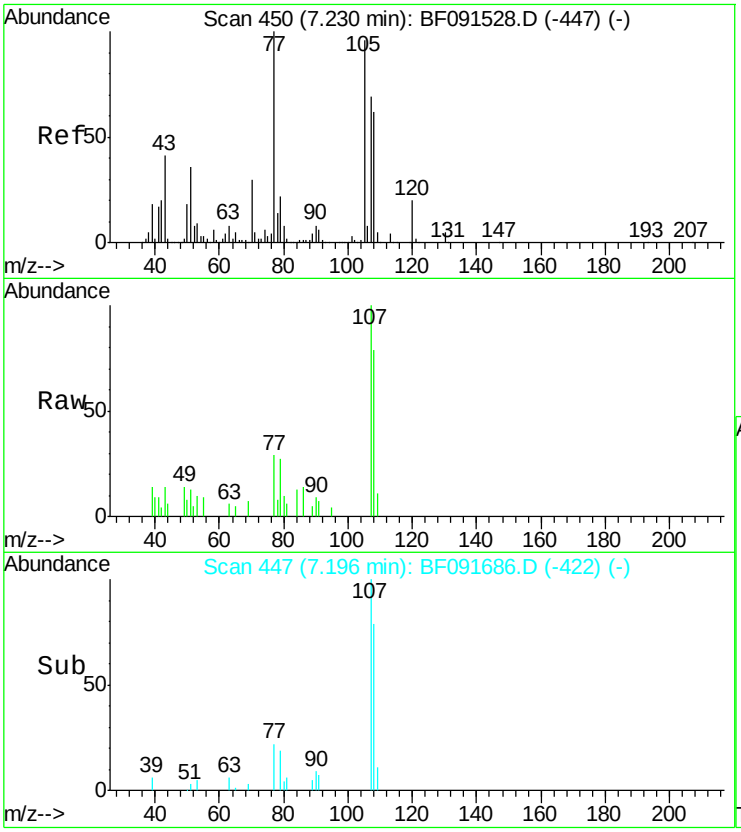


#19
n-Nitroso-di-n-propylamine
Concen: 11.47 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.13 min
Lab File: BF091686.D
Acq: 16 Dec 2016 21:27

Tgt Ion: 70 Resp: 114959

Ion	Ratio	Lower	Upper
70	100		
42	49.2	64.8	97.2#
101	0.0	6.2	9.4#
130	1.8	11.7	17.5#



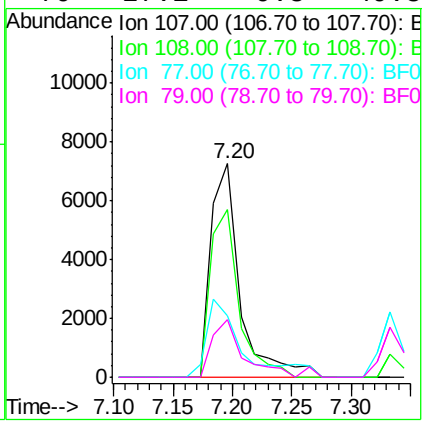


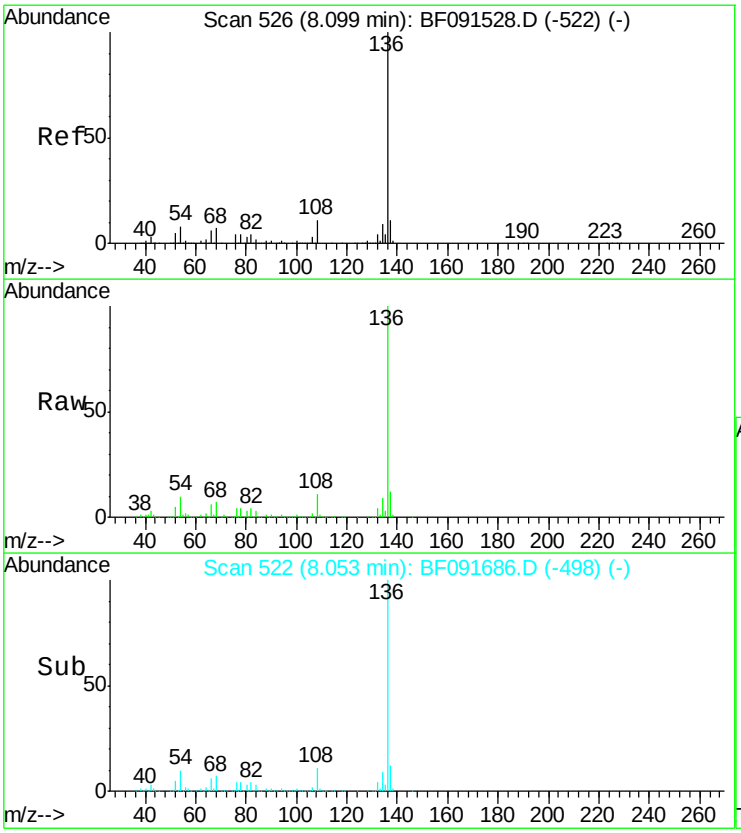
#20
3+4-Methylphenols
Concen: Below Cal
RT: 7.20 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF091686.D
Acq: 16 Dec 2016 21:27

Instrument :
BNA_F
ClientSampleId :
TP10-COMP7

Tgt Ion:107 Resp: 12266

Ion	Ratio	Lower	Upper
107	100		
108	78.6	64.6	104.6
77	28.7	30.9	70.9#
79	27.1	9.3	49.3

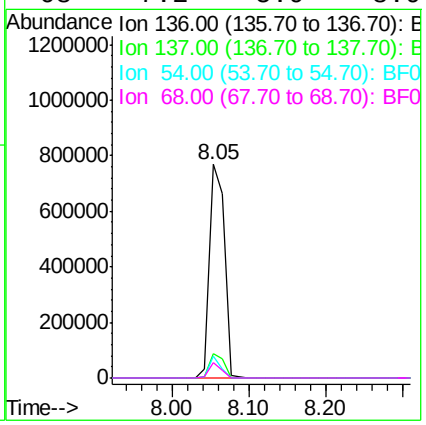


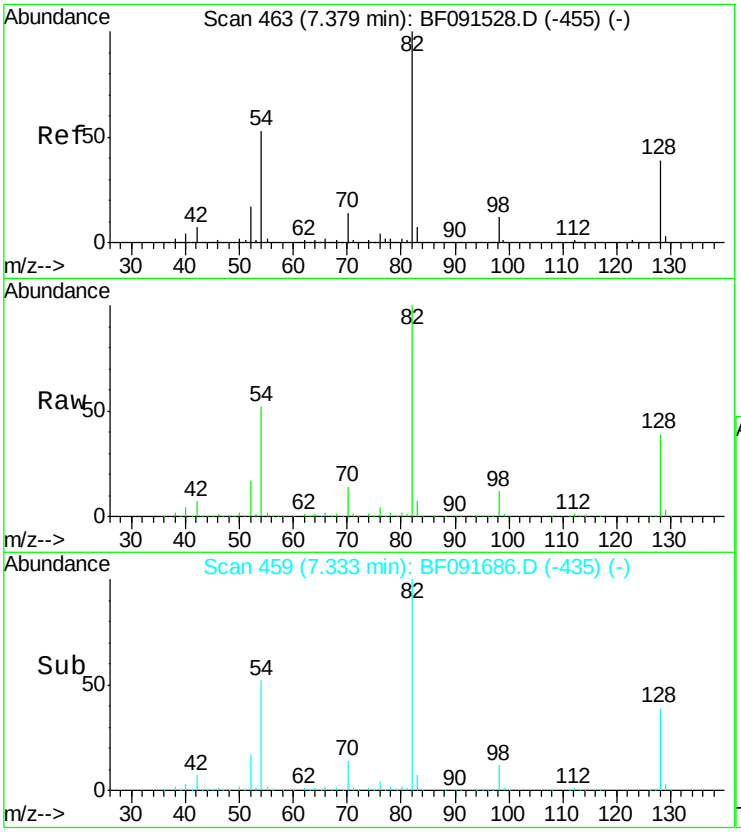


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.02 min
Lab File: BF091686.D
Acq: 16 Dec 2016 21:27

Tgt Ion:136 Resp: 1021926

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	10.0	9.1	13.7
68	7.2	5.9	8.9



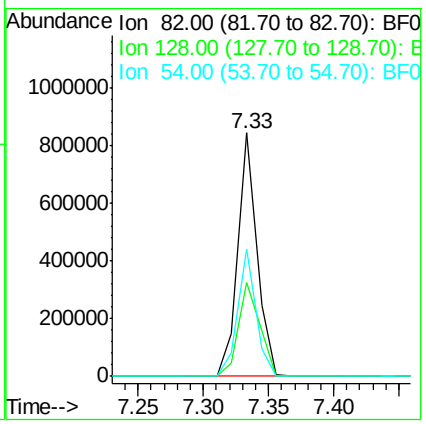


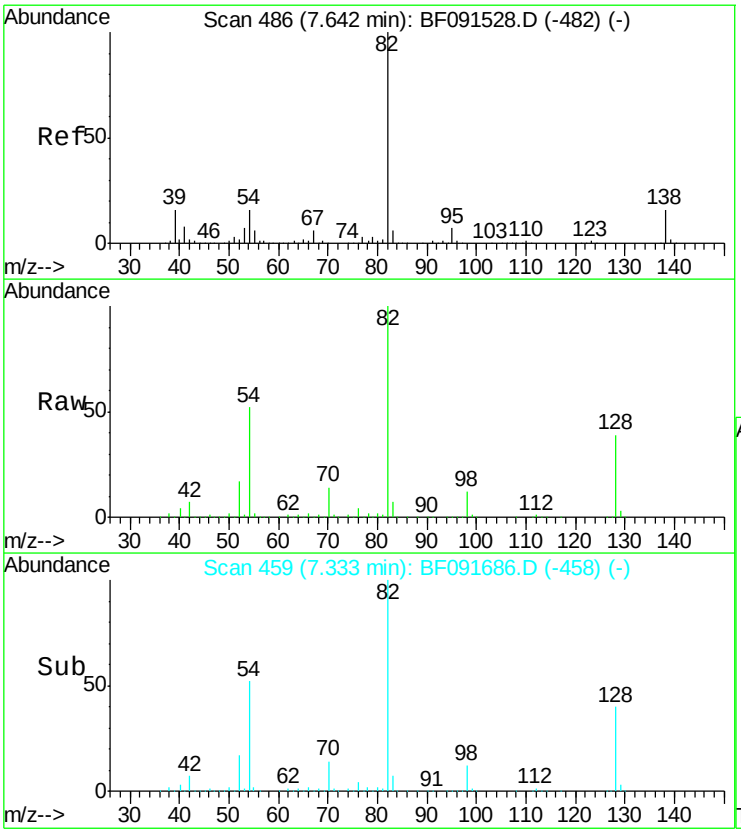
#23
Nitrobenzene-d5
Concen: 46.70 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.02 min
Lab File: BF091686.D
Acq: 16 Dec 2016 21:27

Instrument :
BNA_F
ClientSampleId :
TP10-COMP7

Tgt Ion: 82 Resp: 855087

Ion	Ratio	Lower	Upper
82	100		
128	38.8	31.8	47.6
54	52.1	49.1	73.7

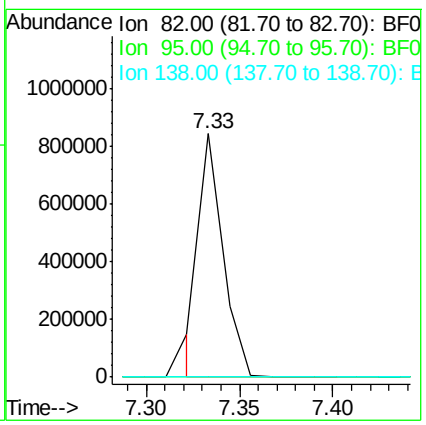


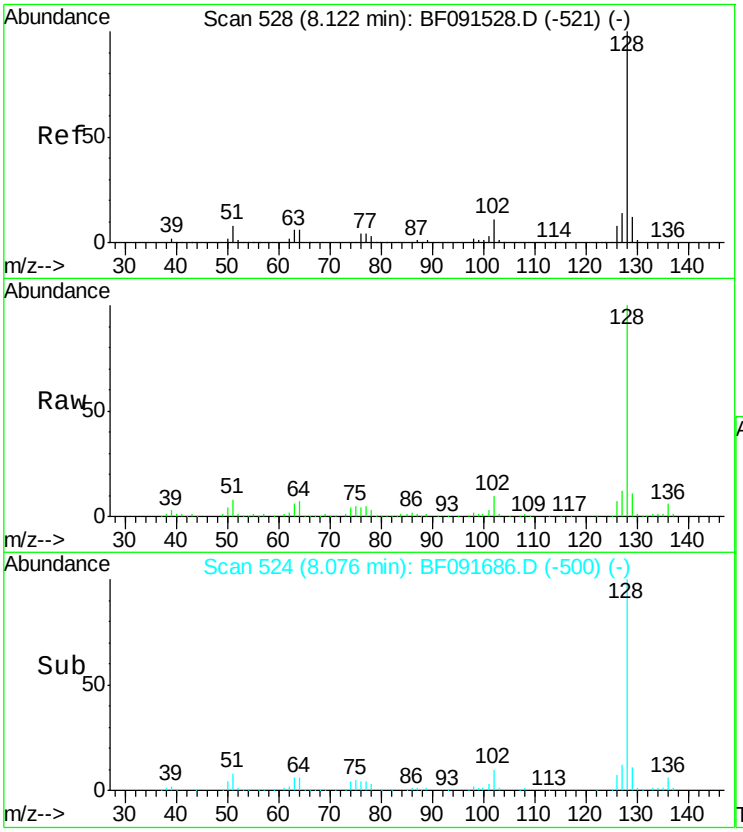


#25
Isophorone
Concen: 23.00 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.29 min
Lab File: BF091686.D
Acq: 16 Dec 2016 21:27

Tgt Ion: 82 Resp: 748753

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.7	8.5#
138	0.0	13.4	20.0#



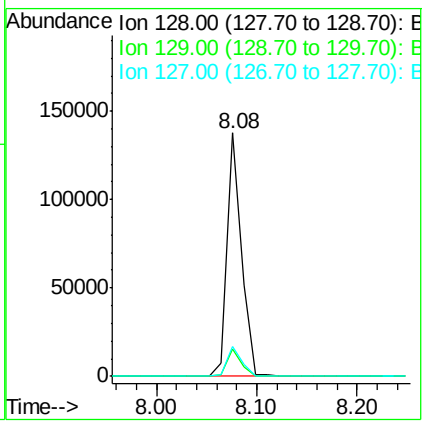


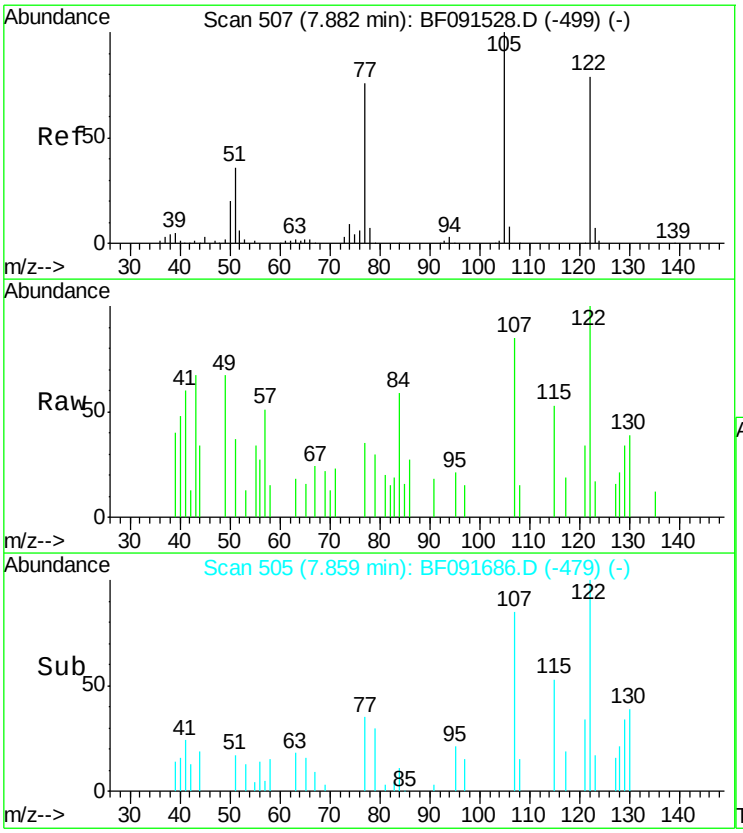
#31
Naphthalene
Concen: 2.89 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.02 min
Lab File: BF091686.D
Acq: 16 Dec 2016 21:27

Instrument :
BNA_F
ClientSampleId :
TP10-COMP7

Tgt Ion:128 Resp: 137642

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.1	13.7
127	12.3	11.0	16.4

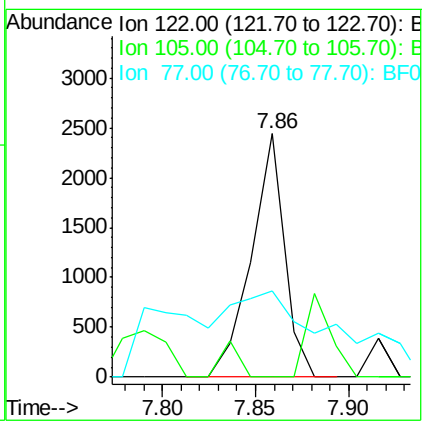


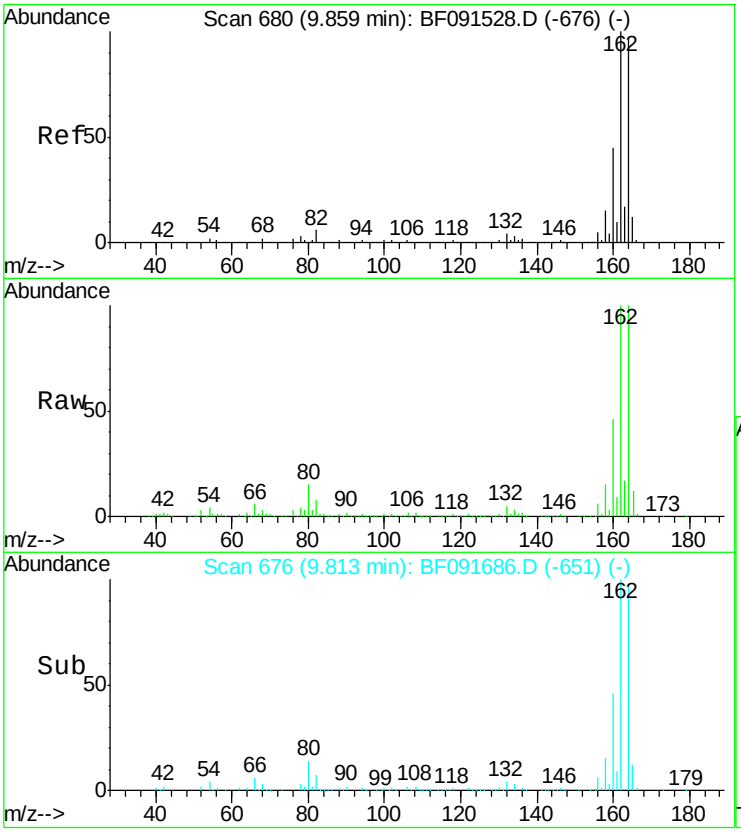


#32
Benzoic acid
Concen: 5.15 ng
RT: 7.86 min Scan# 505
Delta R.T. 0.00 min
Lab File: BF091686.D
Acq: 16 Dec 2016 21:27

Tgt Ion:122 Resp: 3010

Ion	Ratio	Lower	Upper
122	100		
105	0.0	113.0	153.0#
77	35.2	82.0	122.0#



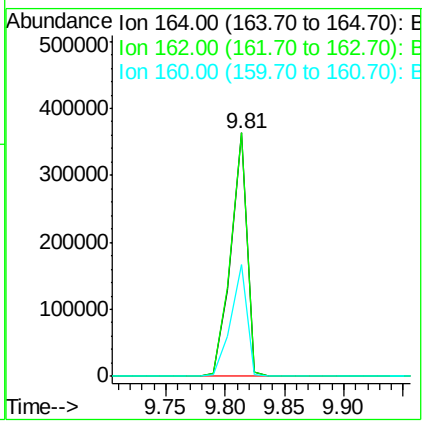


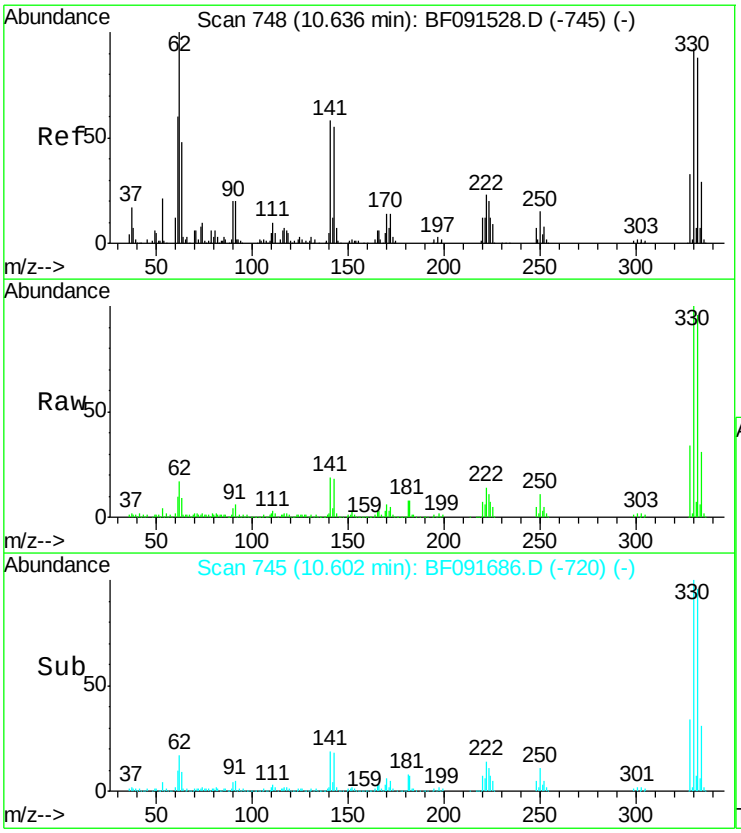
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF091686.D
Acq: 16 Dec 2016 21:27

Instrument :
BNA_F
ClientSampleId :
TP10-COMP7

Tgt Ion:164 Resp: 346187

Ion	Ratio	Lower	Upper
164	100		
162	99.8	82.6	124.0
160	45.9	36.7	55.1

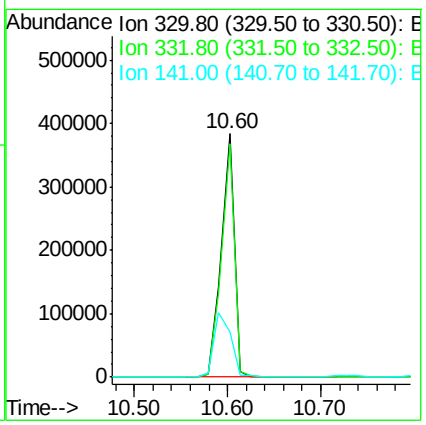


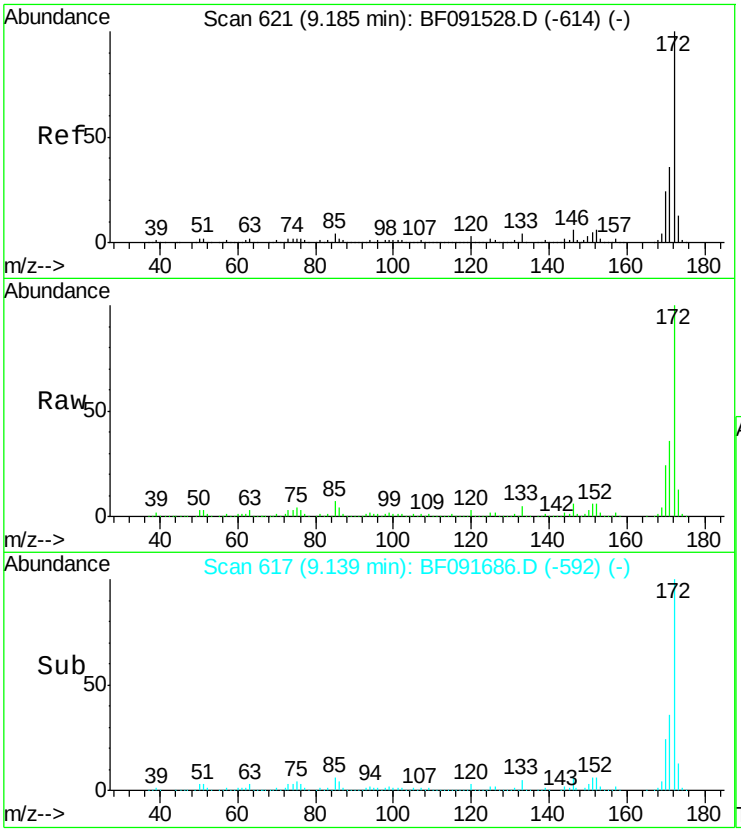


#41
2,4,6-Tribromophenol
Concen: 130.17 ng
RT: 10.60 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF091686.D
Acq: 16 Dec 2016 21:27

Tgt Ion:330 Resp: 374295

Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.2	114.4
141	33.9	33.6	50.4



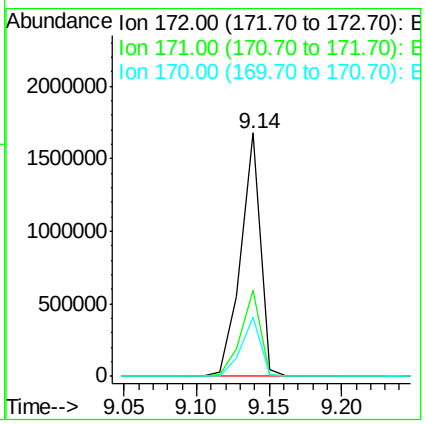


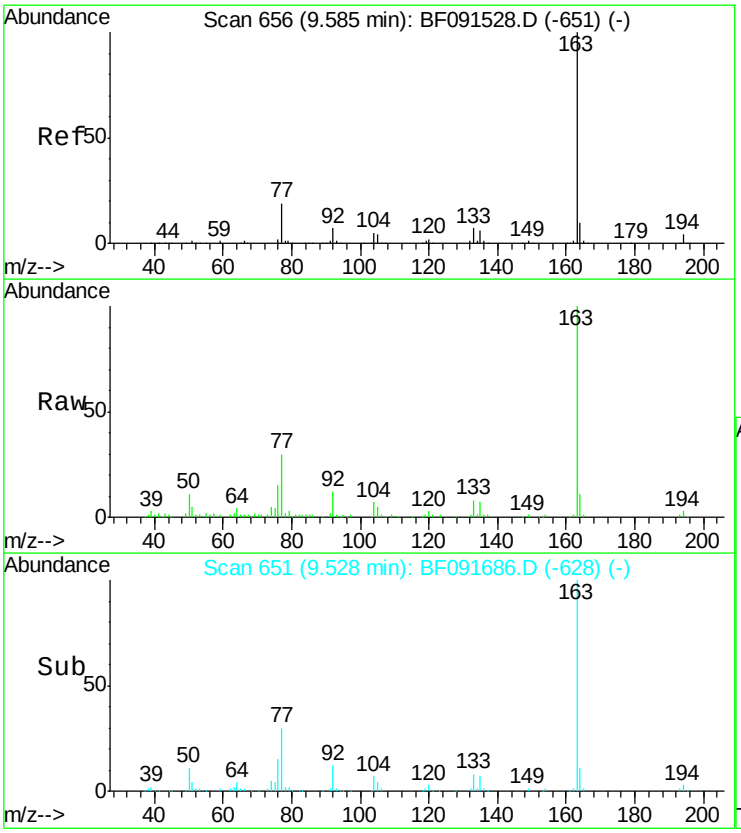
#44
2-Fluorobiphenyl
Concen: 79.04 ng
RT: 9.14 min Scan# 617
Delta R.T. -0.01 min
Lab File: BF091686.D
Acq: 16 Dec 2016 21:27

Instrument :
BNA_F
ClientSampleId :
TP10-COMP7

Tgt Ion:172 Resp: 1583675

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.4	44.0
170	24.2	19.7	29.5

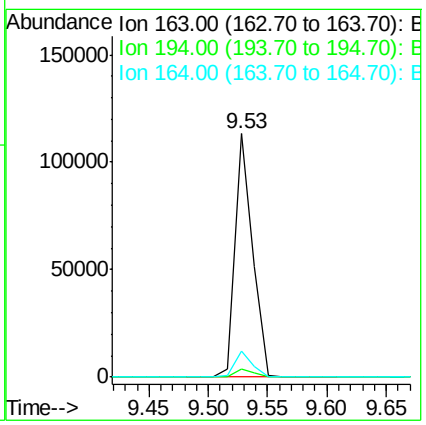


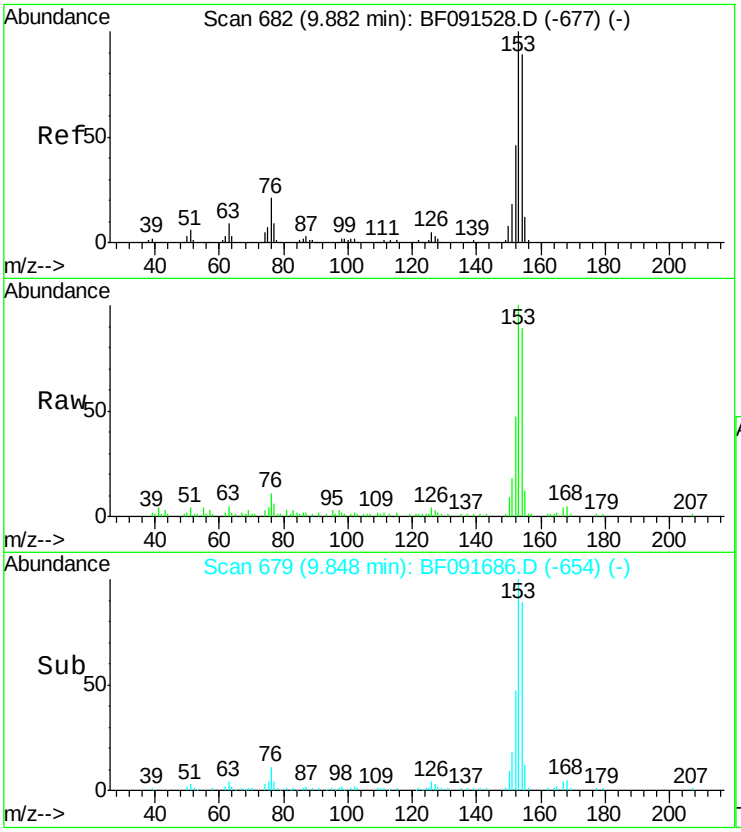


#49
Dimethylphthalate
Concen: 5.35 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.03 min
Lab File: BF091686.D
Acq: 16 Dec 2016 21:27

Tgt Ion:163 Resp: 117245

Ion	Ratio	Lower	Upper
163	100		
194	3.1	3.0	4.4
164	10.9	7.8	11.8



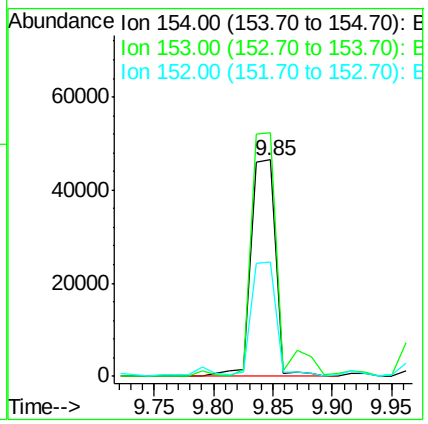


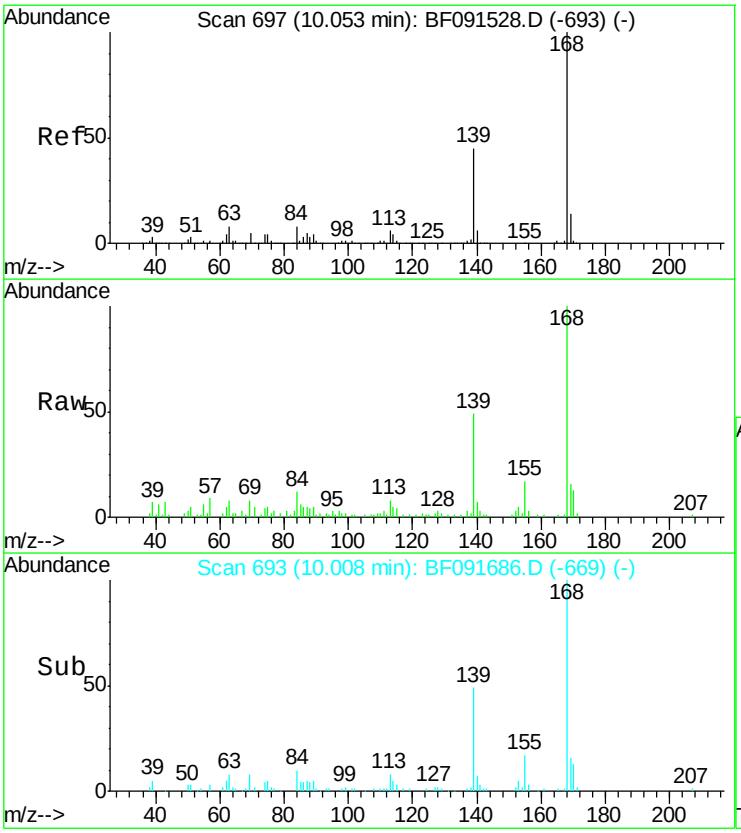
#51
Acenaphthene
Concen: 3.27 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.01 min
Lab File: BF091686.D
Acq: 16 Dec 2016 21:27

Instrument :
BNA_F
ClientSampleId :
TP10-COMP7

Tgt Ion:154 Resp: 67247

Ion	Ratio	Lower	Upper
154	100		
153	112.5	91.0	136.6
152	53.0	44.2	66.2

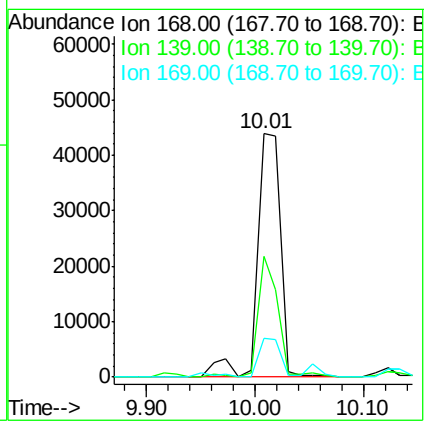


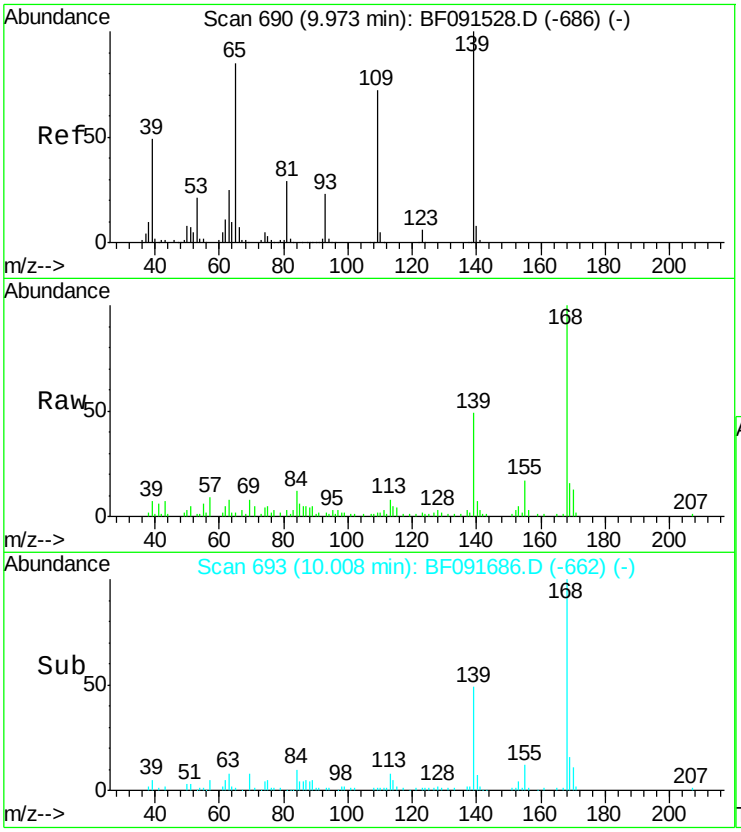


#54
Dibenzofuran
Concen: 2.61 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.02 min
Lab File: BF091686.D
Acq: 16 Dec 2016 21:27

Tgt Ion:168 Resp: 66309

Ion	Ratio	Lower	Upper
168	100		
139	49.5	33.4	50.2
169	16.0	11.1	16.7



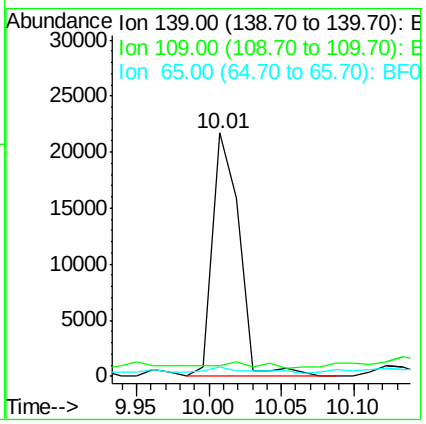


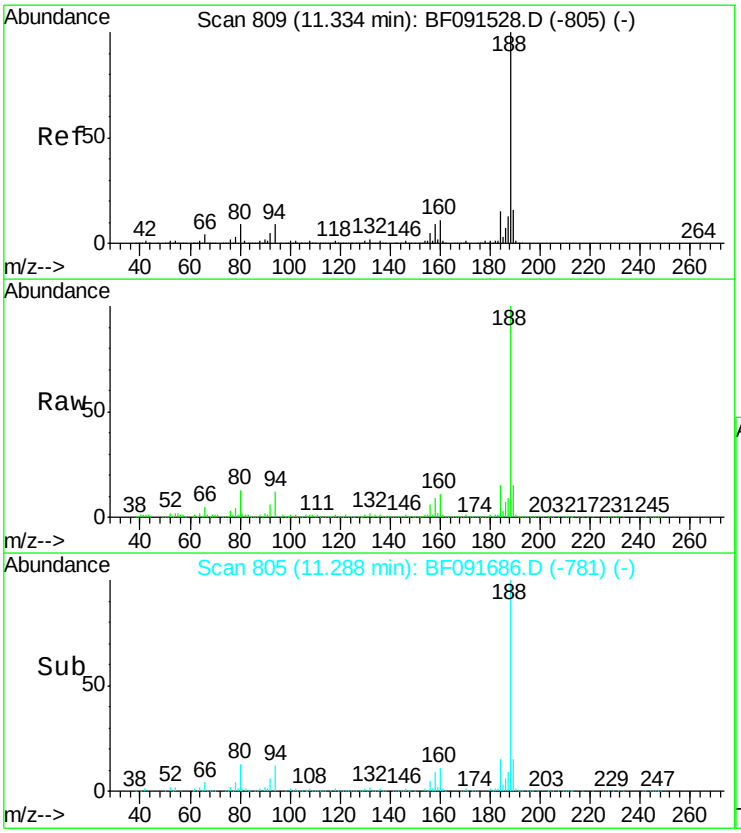
#55
4-Nitrophenol
Concen: 6.60 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.06 min
Lab File: BF091686.D
Acq: 16 Dec 2016 21:27

Instrument :
BNA_F
ClientSampleId :
TP10-COMP7

Tgt Ion:139 Resp: 27752

Ion	Ratio	Lower	Upper
139	100		
109	4.4	54.9	94.9#
65	3.7	102.2	142.2#

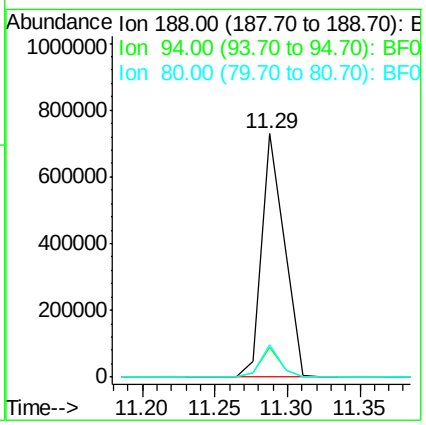


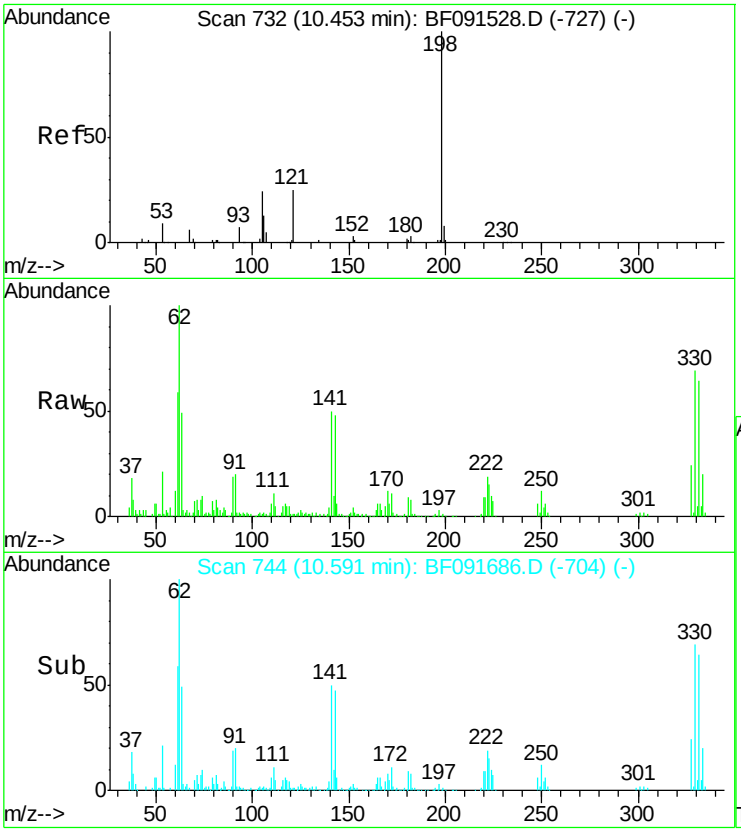


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF091686.D
Acq: 16 Dec 2016 21:27

Tgt Ion:188 Resp: 787872

Ion	Ratio	Lower	Upper
188	100		
94	12.3	9.2	13.8
80	13.2	10.5	15.7



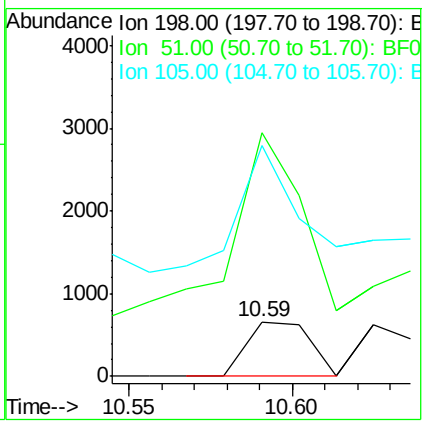


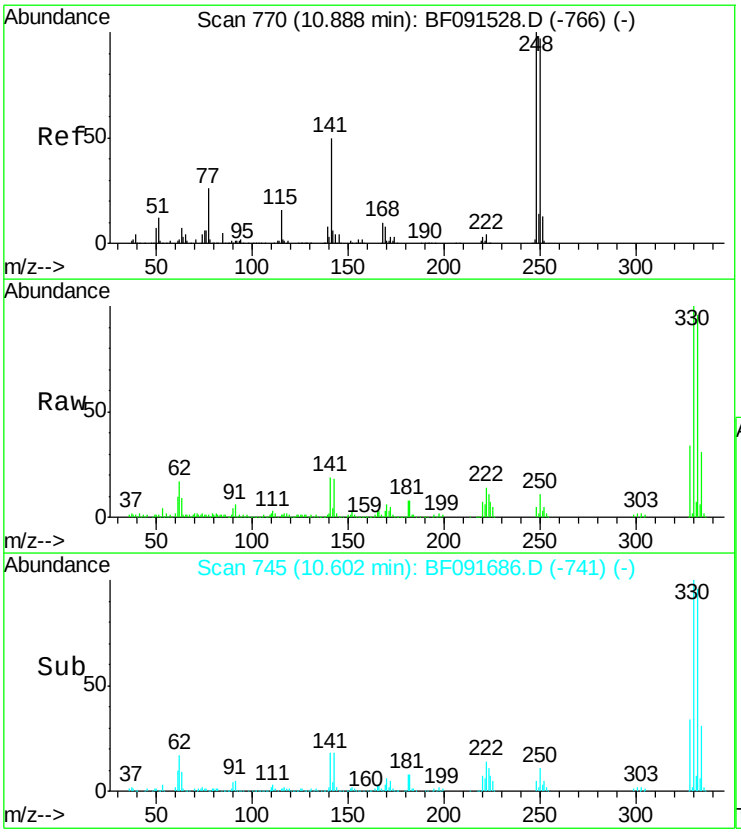
#64
4,6-Dinitro-2-methylphenol
Concen: 3.12 ng
RT: 10.59 min Scan# 744
Delta R.T. 0.16 min
Lab File: BF091686.D
Acq: 16 Dec 2016 21:27

Instrument :
BNA_F
ClientSampleId :
TP10-COMP7

Tgt Ion:198 Resp: 878

Ion	Ratio	Lower	Upper
198	100		
51	444.0	77.1	117.1#
105	421.0	44.8	84.8#

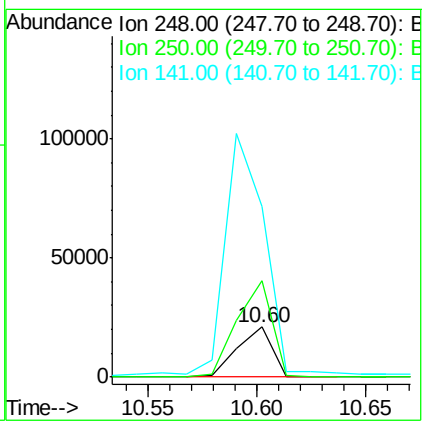


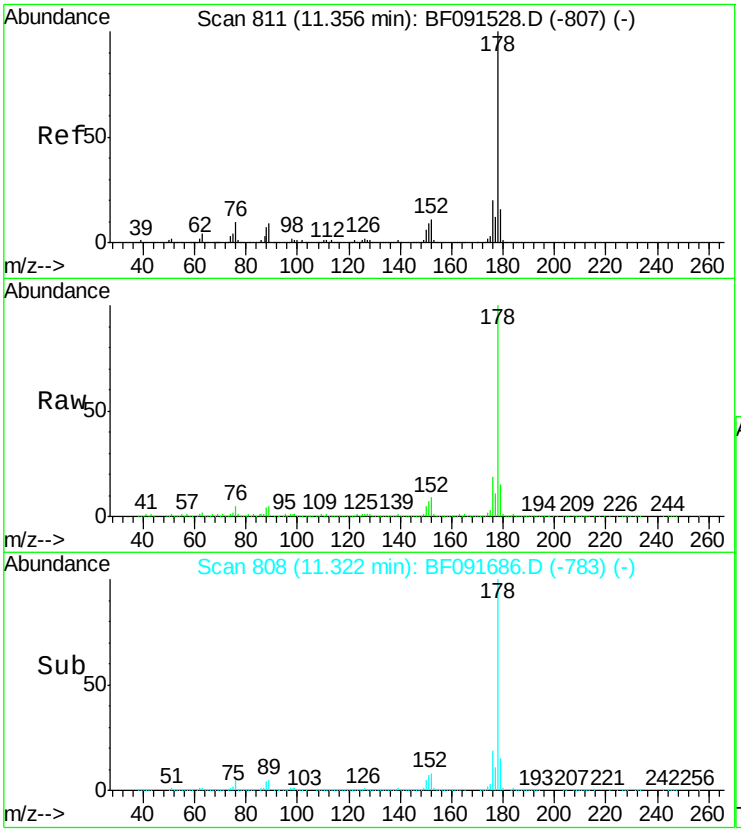


#66
4-Bromophenyl-phenylether
Concen: 2.88 ng
RT: 10.60 min Scan# 745
Delta R.T. -0.25 min
Lab File: BF091686.D
Acq: 16 Dec 2016 21:27

Tgt Ion:248 Resp: 23286

Ion	Ratio	Lower	Upper
248	100		
250	194.6	78.2	117.4#
141	343.3	71.9	107.9#



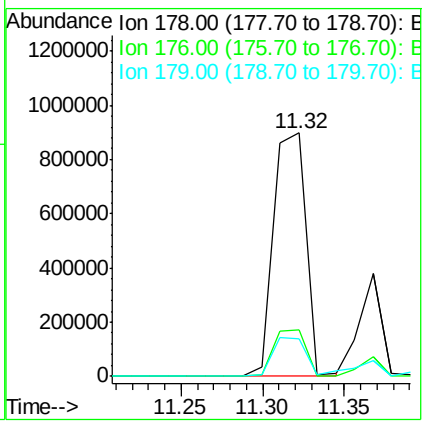


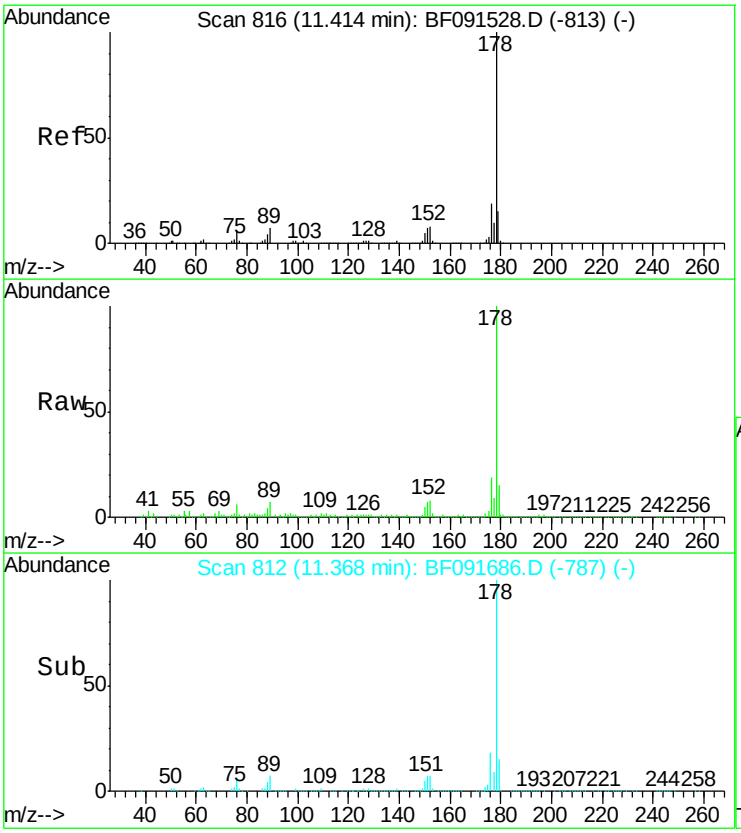
#70
Phenanthrene
Concen: 31.80 ng
RT: 11.32 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF091686.D
Acq: 16 Dec 2016 21:27

Instrument :
BNA_F
ClientSampleId :
TP10-COMP7

Tgt Ion:178 Resp: 1240551

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.9	23.9
179	15.3	12.6	18.8

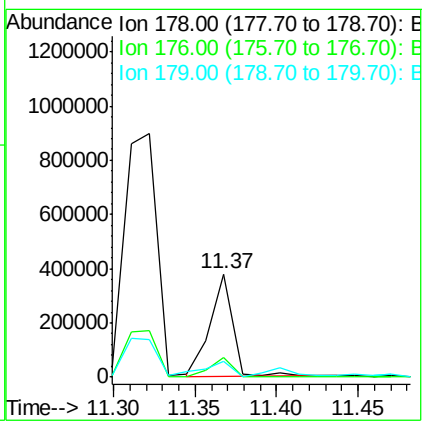


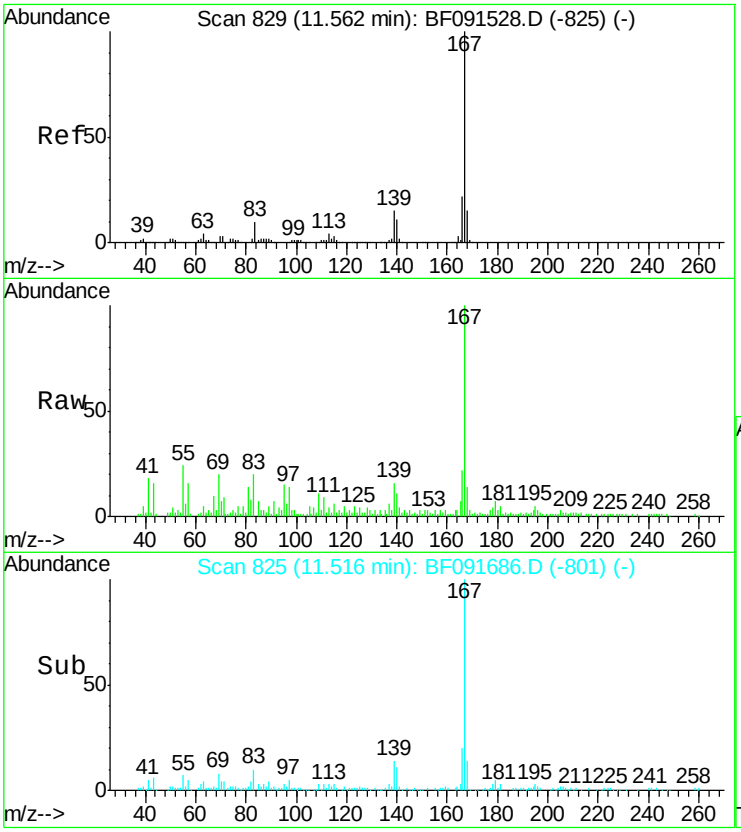


#71
Anthracene
Concen: 8.74 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF091686.D
Acq: 16 Dec 2016 21:27

Tgt Ion:178 Resp: 367764

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.8	23.6
179	15.4	12.7	19.1

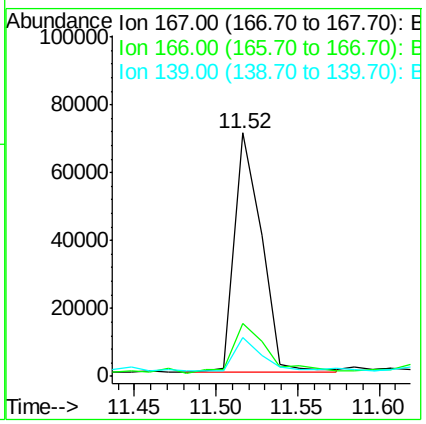




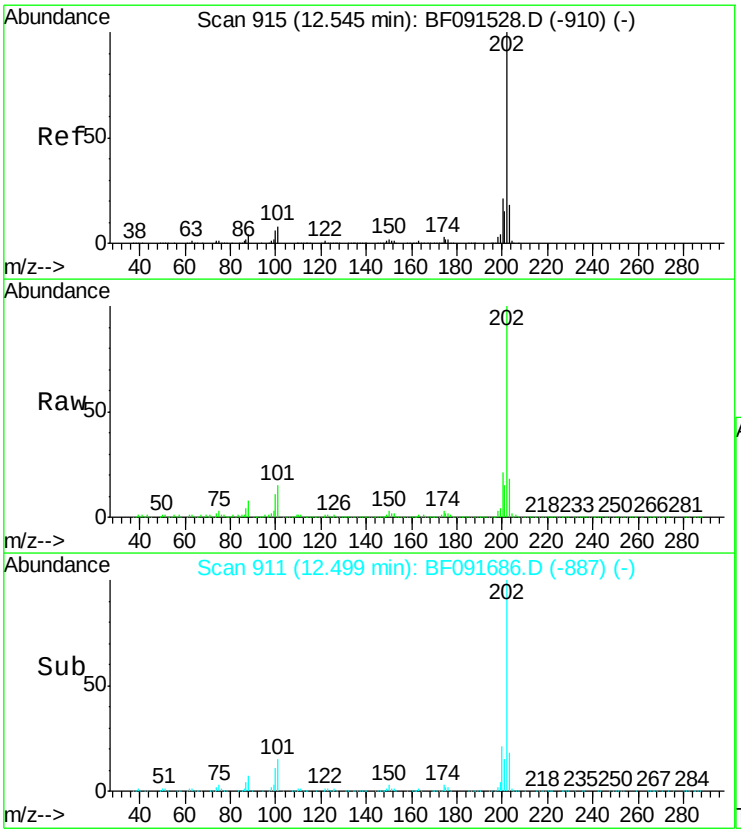
#72
Carbazole
Concen: 2.19 ng
RT: 11.52 min Scan# 825
Delta R.T. -0.02 min
Lab File: BF091686.D
Acq: 16 Dec 2016 21:27

Tgt Ion:167 Resp: 80931

Ion	Ratio	Lower	Upper
167	100		
166	21.6	18.1	27.1
139	16.1	11.5	17.3



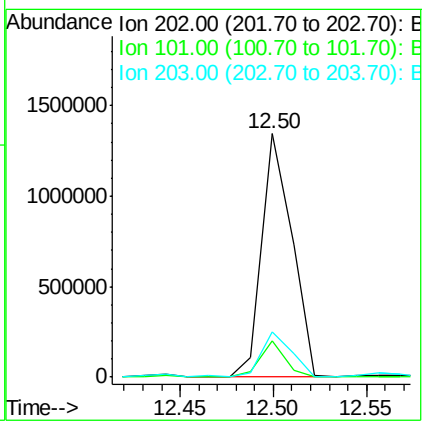
Instrument :
BNA_F
ClientSampleId :
TP10-COMP7

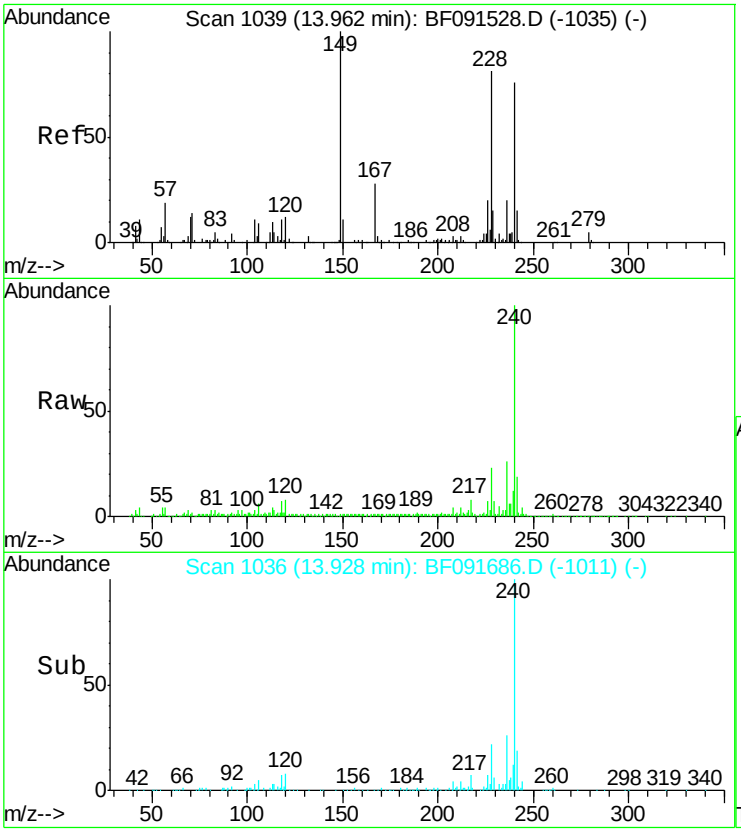


#74
Fluoranthene
Concen: 36.62 ng
RT: 12.50 min Scan# 911
Delta R.T. -0.02 min
Lab File: BF091686.D
Acq: 16 Dec 2016 21:27

Tgt Ion:202 Resp: 1496202

Ion	Ratio	Lower	Upper
202	100		
101	14.8	0.0	29.5
203	18.3	0.0	37.8



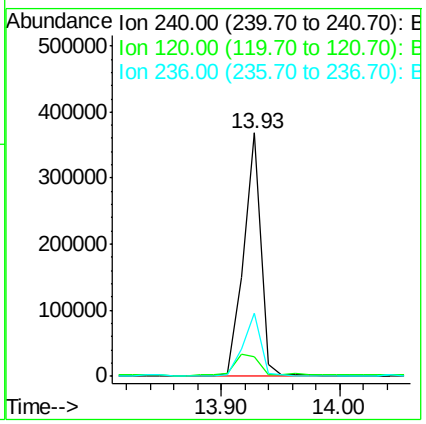


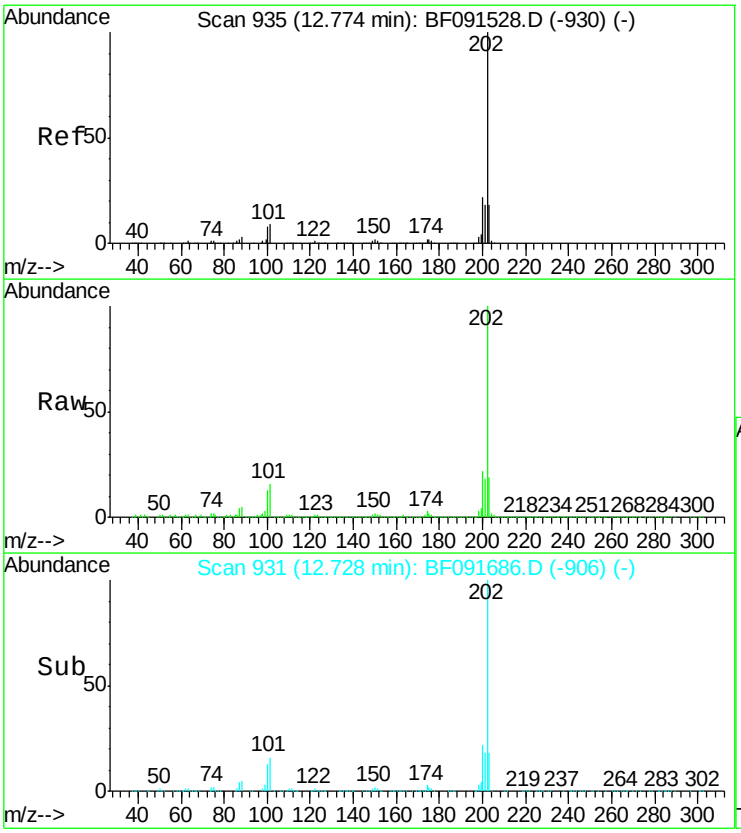
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF091686.D
Acq: 16 Dec 2016 21:27

Instrument :
BNA_F
ClientSampleId :
TP10-COMP7

Tgt Ion:240 Resp: 373447

Ion	Ratio	Lower	Upper
240	100		
120	8.2	12.1	18.1#
236	26.0	21.0	31.6

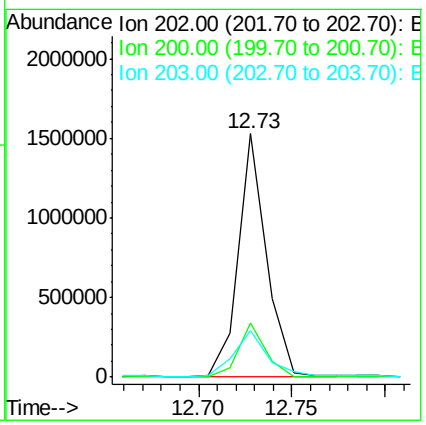


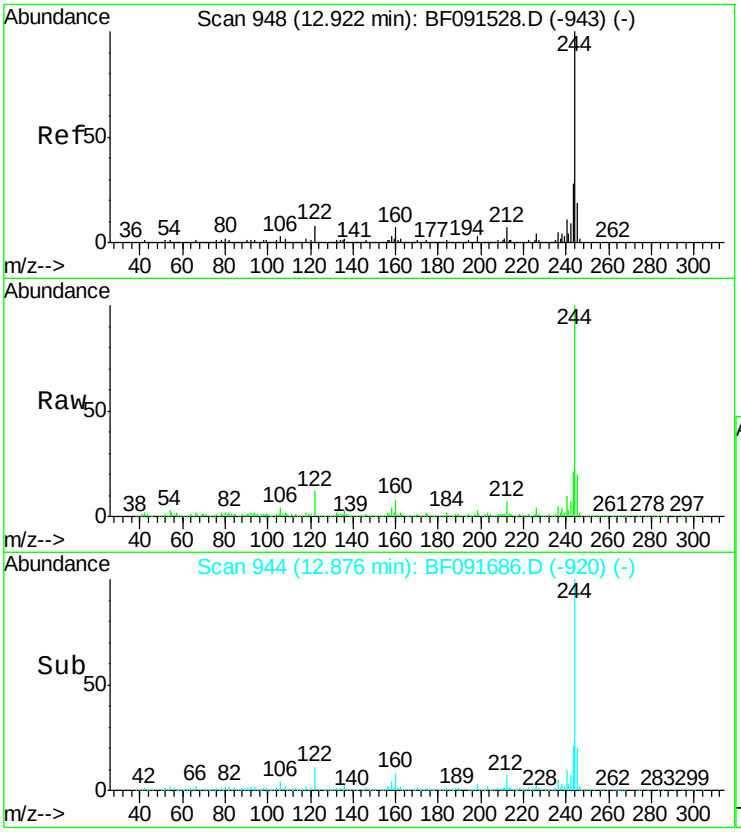


#77
Pyrene
Concen: 53.86 ng
RT: 12.73 min Scan# 931
Delta R.T. -0.01 min
Lab File: BF091686.D
Acq: 16 Dec 2016 21:27

Tgt Ion:202 Resp: 1595870

Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.6	26.4
203	18.9	14.0	21.0



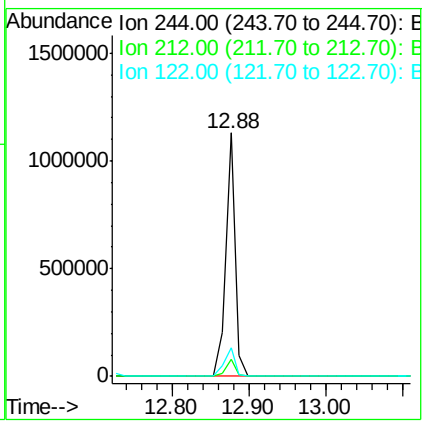


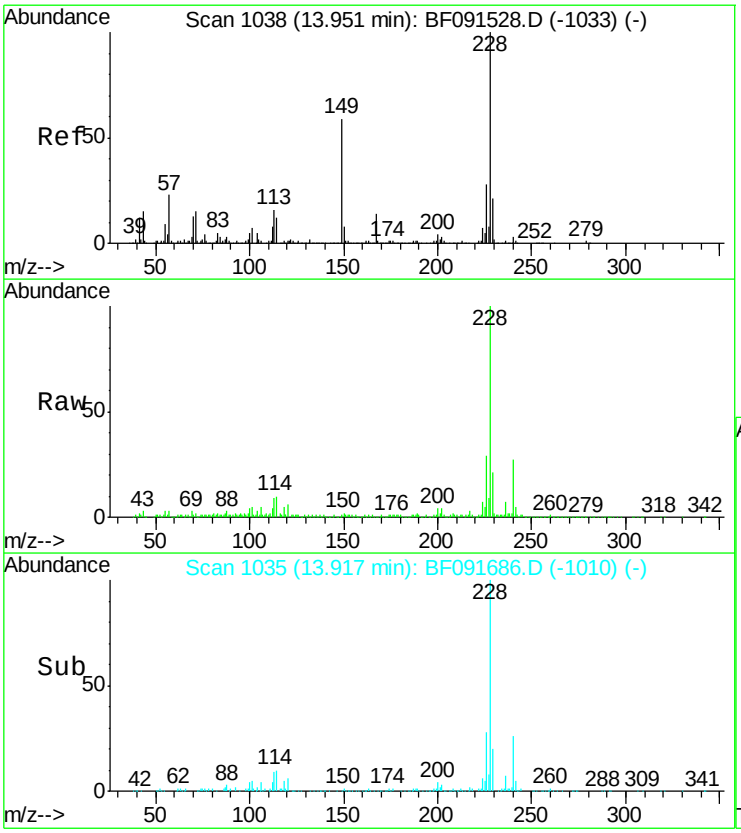
#78
Terphenyl-d14
Concen: 60.06 ng
RT: 12.88 min Scan# 944
Delta R.T. -0.02 min
Lab File: BF091686.D
Acq: 16 Dec 2016 21:27

Instrument :
BNA_F
ClientSampleId :
TP10-COMP7

Tgt Ion:244 Resp: 988402

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.5	9.7
122	11.5	9.5	14.3

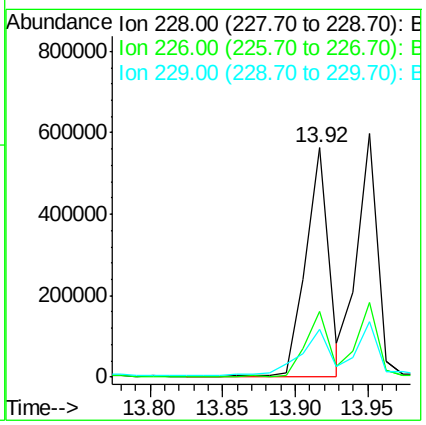


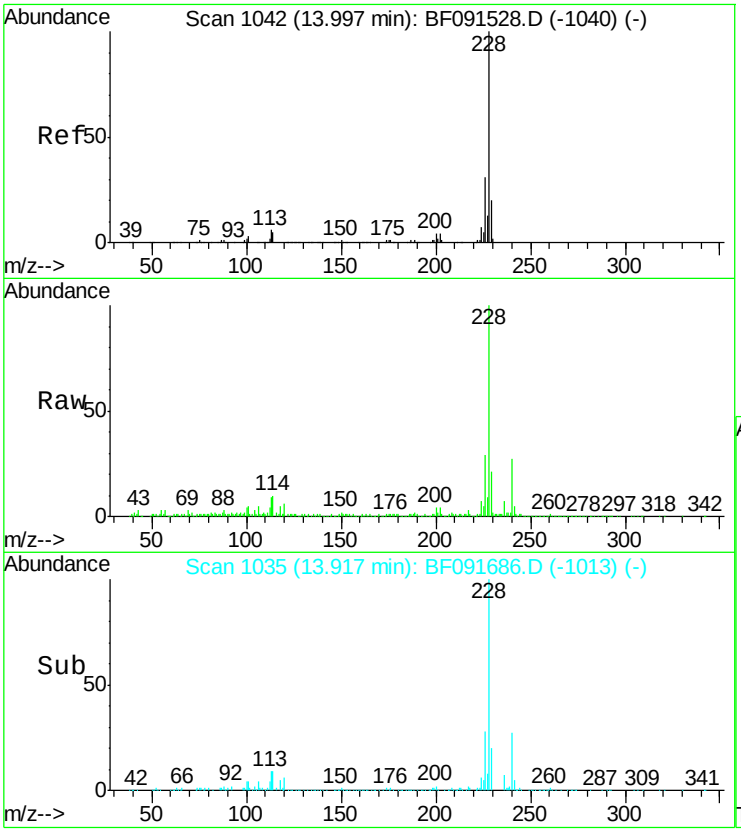


#80
Benzo(a)anthracene
Concen: 28.41 ng
RT: 13.92 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF091686.D
Acq: 16 Dec 2016 21:27

Tgt Ion:228 Resp: 616158

Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.5	33.7
229	21.1	16.4	24.6



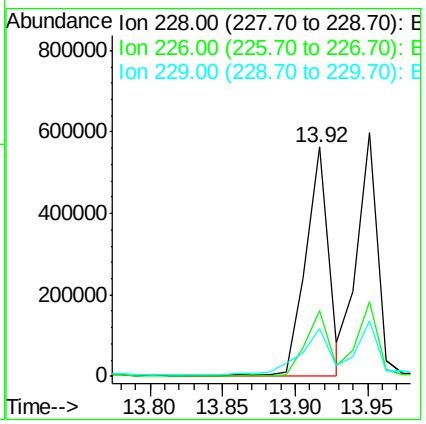


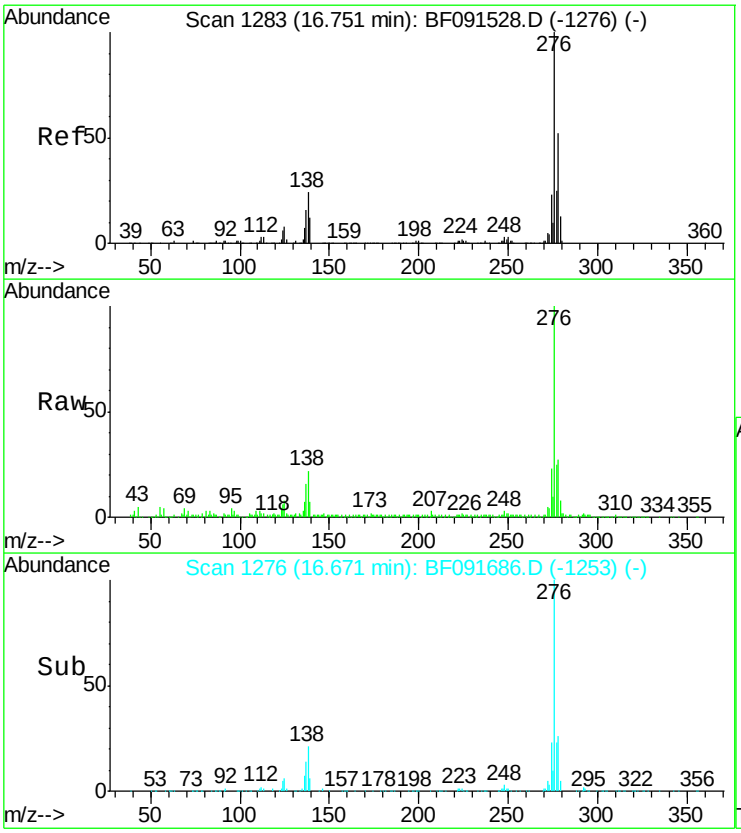
#82
Chrysene
Concen: 27.15 ng
RT: 13.92 min Scan# 1035
Delta R.T. -0.05 min
Lab File: BF091686.D
Acq: 16 Dec 2016 21:27

Instrument :
BNA_F
ClientSampleId :
TP10-COMP7

Tgt Ion:228 Resp: 616158

Ion	Ratio	Lower	Upper
228	100		
226	28.6	25.0	37.4
229	21.1	16.0	24.0

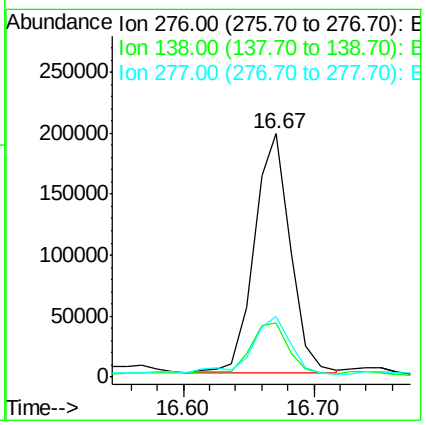


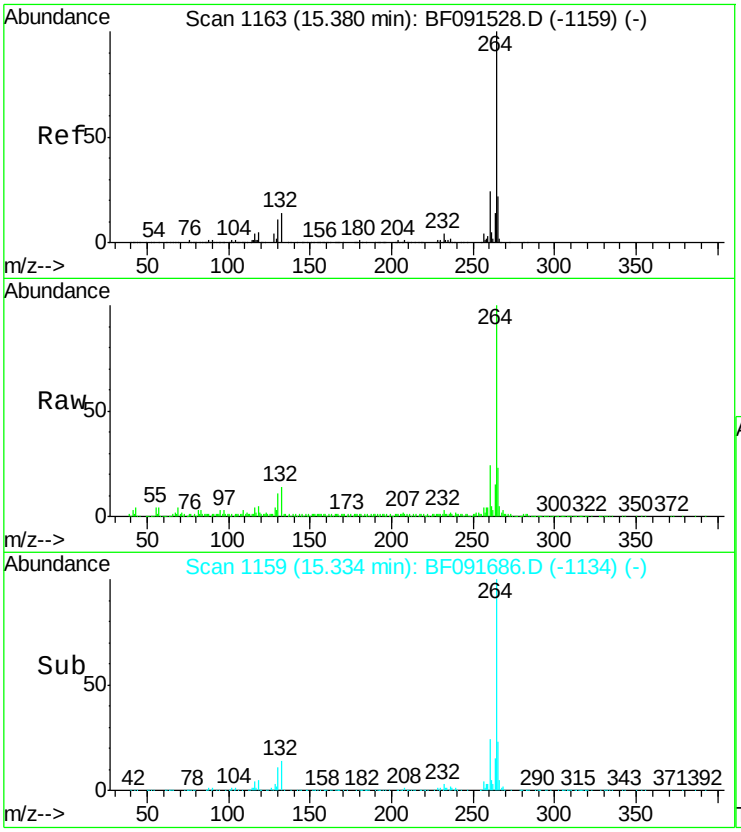


#85
Indeno(1,2,3-cd)pyrene
Concen: 18.42 ng
RT: 16.67 min Scan# 1276
Delta R.T. -0.03 min
Lab File: BF091686.D
Acq: 16 Dec 2016 21:27

Tgt Ion:276 Resp: 376106

Ion	Ratio	Lower	Upper
276	100		
138	24.3	21.0	31.4
277	28.9	20.2	30.2



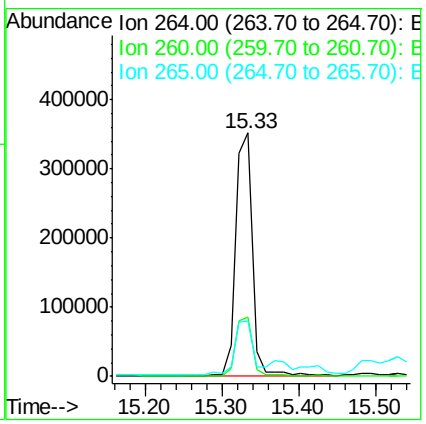


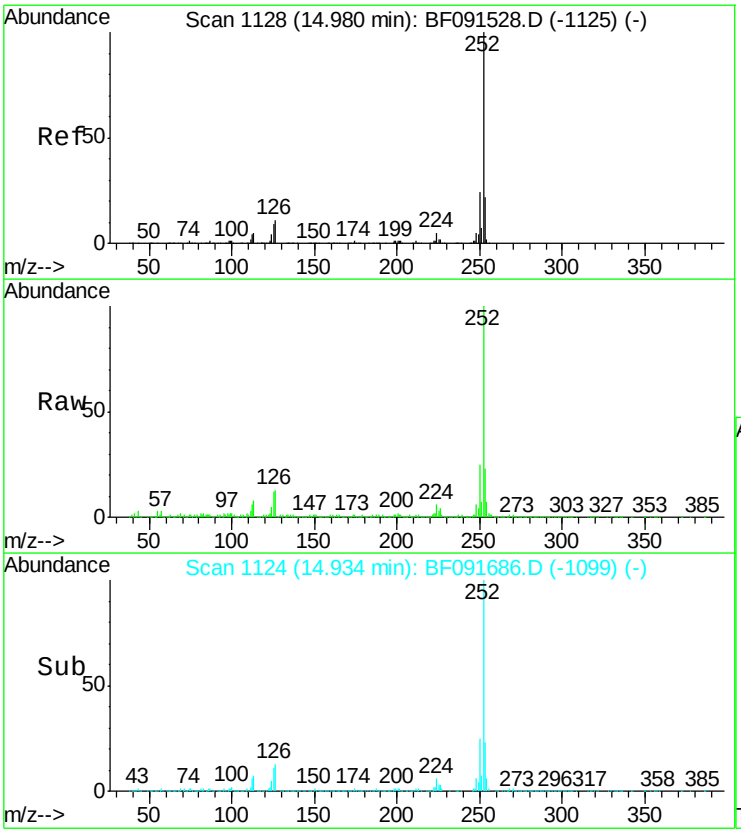
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 1159
Delta R.T. -0.01 min
Lab File: BF091686.D
Acq: 16 Dec 2016 21:27

Instrument :
BNA_F
ClientSampleId :
TP10-COMP7

Tgt Ion:264 Resp: 539166

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.8	28.2
265	22.9	17.0	25.6

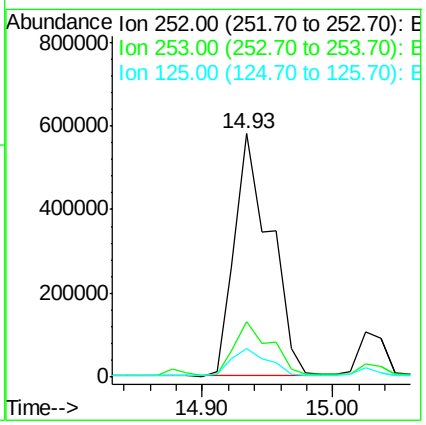


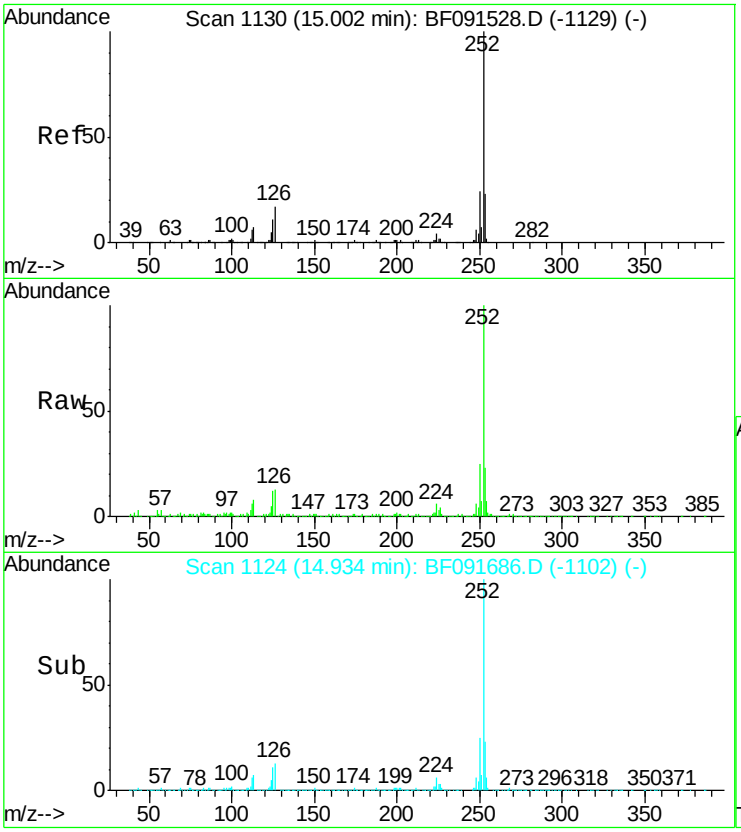


#87
Benzo(b)fluoranthene
Concen: 34.33 ng
RT: 14.93 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF091686.D
Acq: 16 Dec 2016 21:27

Tgt Ion:252 Resp: 1103452

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.2
125	11.5	8.6	13.0



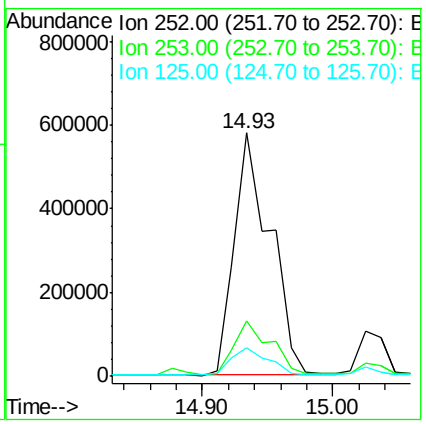


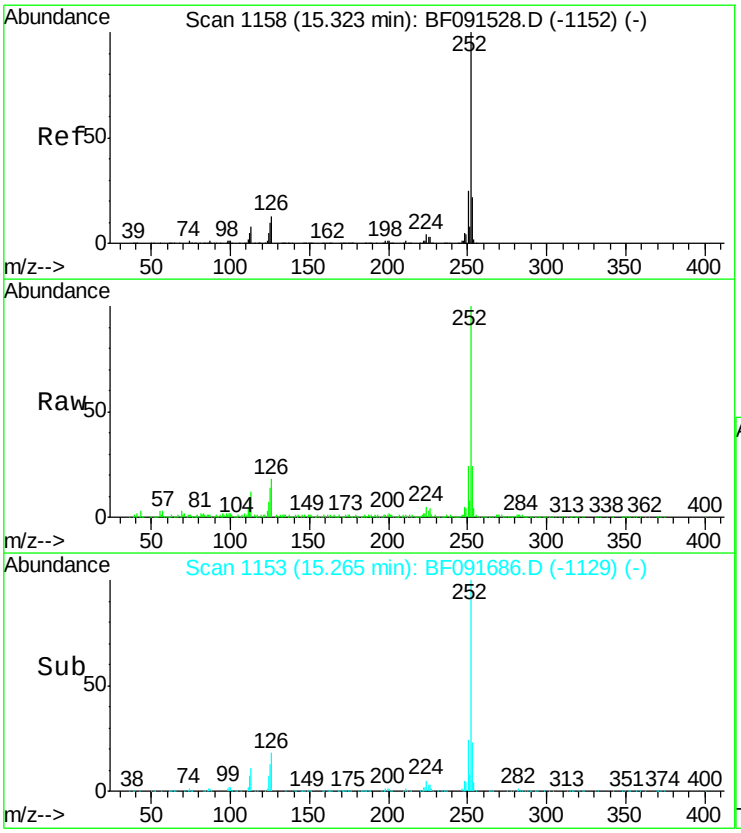
#88
Benzo(k)fluoranthene
Concen: 39.01 ng
RT: 14.93 min Scan# 1124
Delta R.T. -0.05 min
Lab File: BF091686.D
Acq: 16 Dec 2016 21:27

Instrument :
BNA_F
ClientSampleId :
TP10-COMP7

Tgt Ion:252 Resp: 1102368

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.8
125	11.5	9.6	14.4

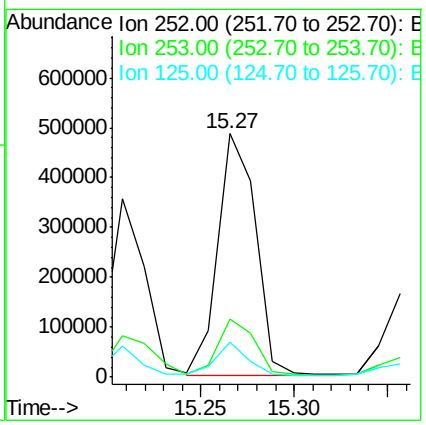


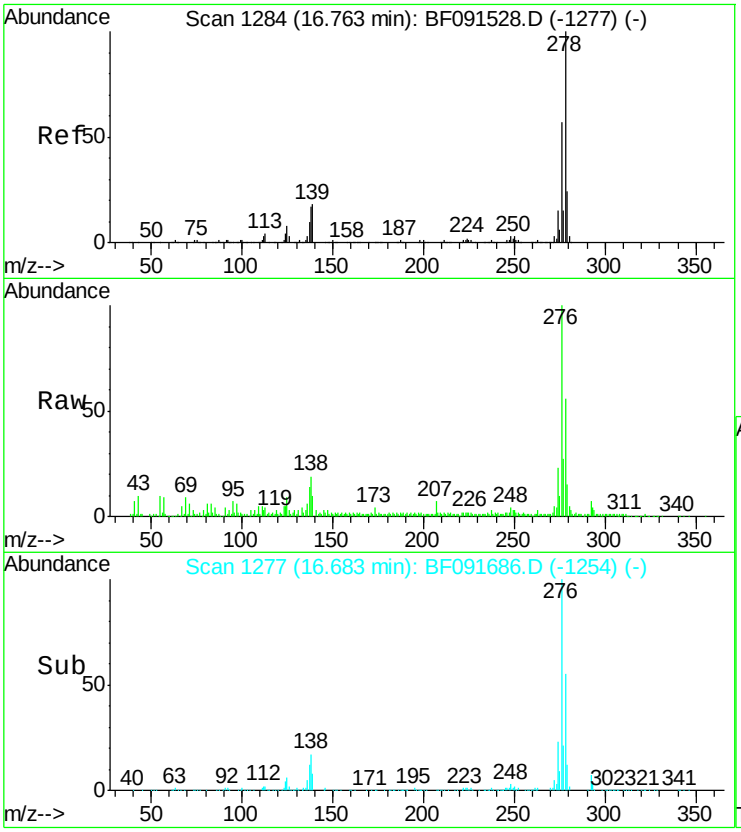


#89
Benzo(a)pyrene
Concen: 23.73 ng
RT: 15.27 min Scan# 1153
Delta R.T. -0.02 min
Lab File: BF091686.D
Acq: 16 Dec 2016 21:27

Tgt Ion:252 Resp: 687029

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.2	27.4
125	14.3	10.4	15.6



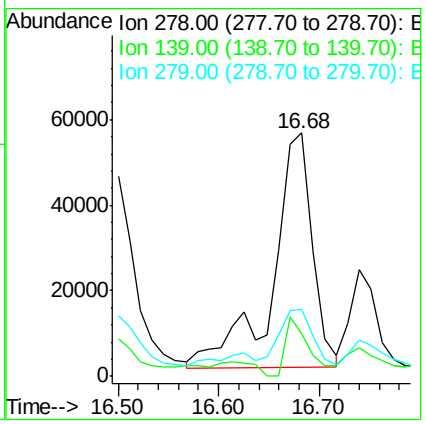


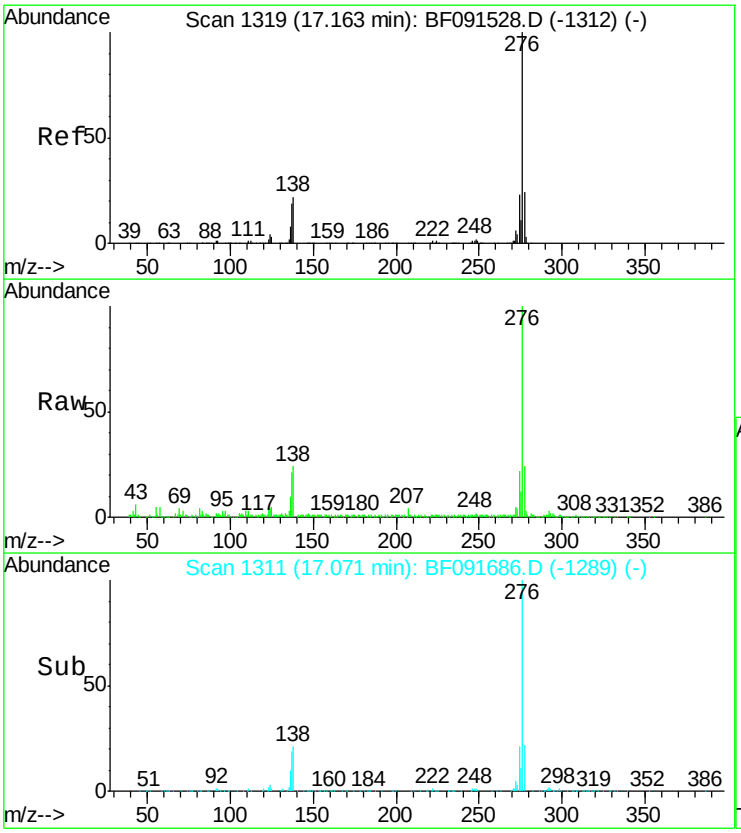
#90
Dibenzo(a,h)anthracene
Concen: 5.80 ng
RT: 16.68 min Scan# 1277
Delta R.T. -0.03 min
Lab File: BF091686.D
Acq: 16 Dec 2016 21:27

Instrument :
BNA_F
ClientSampleId :
TP10-COMP7

Tgt Ion:278 Resp: 150402

Ion	Ratio	Lower	Upper
278	100		
139	17.6	15.1	22.7
279	27.3	19.0	28.6





#91
Benzo(g,h,i)perylene
Concen: 13.30 ng
RT: 17.07 min Scan# 1311
Delta R.T. -0.05 min
Lab File: BF091686.D
Acq: 16 Dec 2016 21:27

Tgt Ion:276 Resp: 351023

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.0	28.4
138	24.2	15.4	23.0#